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PREFACE.

THIS, the fifth volume of the Catalogue of the Collection of Books, Maps, &c., in the Natural History branch of the British Museum, brings the series of entries under the authors' names down to the end of the alphabet. The first sheet of the volume was passed for press in June 1913.

The lines on which it has been prepared have been fully set forth in the "Introduction" to the first volume.

Thanks for assistance in its production are due to the persons already mentioned in the Prefaces and Introduction to the preceding volumes.

L. FLETCHER,
Director.

BRITISH MUSEUM (NATURAL HISTORY),
June 26th, 1915.

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SOALHEIRA.—Collegio de S. Fiel.
Broteria : revista de sciencias naturaes do Collegio, *&c.* Vol. I→ 1902→ *illust.* 8⁰. *Lisboa*, 1902→

SOAREZ D'ALBERGARIA (LOPEZ) Kurze Nachricht von der Portugiesen Thaten in Indien . . . 1516–21, unter . . . L. Soarez. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. I. 4⁰. 1747.

SOBOLEV (DĪMĪTRIĬ NĪKOLAEVĪCH)
Osnovnuiya chertui, stratīghrafiī ī tektonīkī Sīluriĭskīkh otlozheniĭ Kyeletzko-Sandomīrskagho kryazha. [On the principal features, stratigraphy and tectony of the Silurian strata of the Kyeletzk-Sandomirsk ridge.] *pp. 36 : 2 pls. col.*
Fauna drevnyeĭshīkh srednedevonskīkh otlozheniĭ tzarstva Pol'skagho. [Fauna of the middle Devonian strata of Poland.] *pp. 7 : 1 pl.*
See WARSAW. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui . . . otdyelenie Biologhiī. Ghod. XI. 8⁰. 1901.

SOBOLEWSKJ (GREGORIUS) Flora Petropolitana. Sistens Plantas in gubernio Petropolitano sponte crescentes, tam eas quæ olim in Flora Ingrica Krascheninnikovii a Gortero enumeratæ sunt quam novas post . . . 1764 . . . detectas . . . cum additione variarum observationum, atque Russica Plantarum denominatione, *&c.* *pp. vii, 354.* 8⁰. *Petropoli*, 1799.

SOBOTTA (JOHANNES) Beobachtungen über den Gastrulationsvorgang beim *Amphioxus.* *pp. 21 : 1 pl., text illust.* *See* WURZBURG.—PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XXXI, no. 2. 8⁰. 1897.

Sobotta (J.) Die morphologische Bedeutung der Kupffer'schen Blase. Ein Beitrag zur Gastrulation der Teleostier. *pp. 17 : 1 pl., text illust.* *See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XXXII, no. 3. 8⁰. 1898.

Sobotta (J.) Ueber die Richtungsteilungen des Säugetiereies, speziell über die Frage der Zahl der Richtungskörper. *pp. 21.* *See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XXXIX, no. 5. 8⁰. 1908.

SOBRERO (ASCANIO) [1812–1888] Proposta di un nuovo metodo d'osservazione delle Stelle Cadenti. *pp. 7.* 8⁰. [*Turin, &c.*,] (1865.)
Reprinted from the "Gazzetta Ufficiale del Regno d'Italia." No. 17.

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See ST. PETERSBURG.—RUSSKOE ENTOMOLOGHĪCHESKOE OBSHCHESTVO.

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SOCIÉTÉ FRANÇAISE D'ENTOMOLOGIE.
See CAEN.

SOCIÉTÉ FRANÇAISE DE BOTANIQUE.
[Founded 1882.]
Revue de Botanique, bulletin mensuel de la Société, *&c.* Tom. I—XIII, pt. 1.† 8⁰. *Courrensan, &c.*, 1882–95.
Wanting the index to Tom. X.

SOCIÉTÉ FRANÇAISE DE MINÉRALOGIE.
See PARIS.

SOCIÉTÉ FRIBOURGEOISE DES SCIENCES NATURELLES. *See* FRIBOURG.

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SOCIÉTÉ IMPÉRIALE DES NATURALISTES DE ST-PÉTERSBOURG.
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SOCIÉTÉ IMPÉRIALE DES SCIENCES, DE L'AGRICULTURE ET DES ARTS DE LILLE. *See* Lille.—Société des sciences, *&c.*

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See Paris.—Société française de minéralogie.

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SOCIÉTÉ NATIONALE D'AGRICULTURE, SCIENCES ET ARTS. (ANCIENNE ACADÉMIE D'ANGERS.) *See* Angers.

SOCIÉTÉ NATIONALE DES SCIENCES, DE L'AGRICULTURE ET DES ARTS DE LILLE. *See* Lille.—Société des sciences, *&c.*

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See Rotterdam.—Nederlandsche dierkundige vereeniging.

SOCIÉTÉ NEUCHÂTELOISE D'UTILITÉ PUBLIQUE. *See* Neuchatel.

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SOCIÉTÉ OURALIENNE D'AMATEURS DES SCIENCES NATURELLES.
See EKATERINBURG.—URAL'SKOE OBSHCHESTVO LYUBĬTELEĬ ESTESTVOZNANIYA.

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See PERPIGNAN.—SOCIÉTÉ AGRICOLE, SCIENTIFIQUE ET LITTÉRAIRE DES PYRÉNÉES-ORIENTALES.

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See ST. PETERSBURG.

SOCIÉTÉ PHYSIOPHILE DE LYON.
See LYONS.—SOCIÉTÉ D'ÉTUDES SCIENTIFIQUES.

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See CHAMBERY.—ACADÉMIE DES SCIENCES, BELLES-LETTRES ET ARTS DE SAVOIE.

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SOCIÉTÉ ROYALE DE BOTANIQUE DE BELGIQUE. *See* BRUSSELS.

SOCIÉTÉ ROYALE DE TURIN.
See TURIN.—REALE ACCADEMIA DELLE SCIENZE.

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See AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA."

SOCIÉTÉ ROYALE DES ARTS DU MANS.
See LE MANS.—SOCIÉTÉ D'AGRICULTURE, SCIENCES ET ARTS DE LA SARTHE.

SOCIÉTÉ ROYALE DES ARTS ET DES SCIENCES DE MAURICE.
See ROYAL SOCIETY OF ARTS AND SCIENCES OF MAURITIUS.

SOCIÉTÉ ROYALE DES SCIENCES, DE L'AGRICULTURE ET DES ARTS DE LILLE. *See* LILLE.—SOCIÉTÉ DES SCIENCES, *&c.*

SOCIÉTÉ ROYALE DES SCIENCES DE LIÉGE. *See* LIEGE.

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See NANCY.—ACADÉMIE DE STANISLAUS.

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See ROYAL SOCIETY OF CANADA.

SOCIÉTÉ ROYALE LINNÉENNE DE BRUXELLES. *See* BRUSSELS.

SOCIÉTÉ ROYALE MALACOLOGIQUE DE BELGIQUE. *See* BRUSSELS.

SOCIÉTÉ SCIENTIFIQUE DE BRUXELLES.
See BRUSSELS.

SOCIÉTÉ SCIENTIFIQUE DU CHILI.
See SANTIAGO, *Chile.*

SOCIÉTÉ SCIENTIFIQUE ET MÉDICALE DE L'OUEST. *See* RENNES.

SOCIÉTÉ SUISSE DES SCIENCES NATURELLES.
See ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.*

SOCIÉTÉ VAUDOISE DES SCIENCES NATURELLES. *See* LAUSANNE.

SOCIÉTÉ ZOOLOGIQUE D'AMSTERDAM.
See AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA."

SOCIÉTÉ ZOOLOGIQUE DE FRANCE.
See PARIS.

SOCIETED ELVETICA PER LAS SCIENZIAS NATURELAS.
See ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.*

SOCIETY FOR PROMOTING NATURAL HISTORY. [Founded 1782.]
Rules and orders of the Society . . . with a list of members. *pp. 36.* 8⁰. *London*, 1791.

Laws of the Society . . . revised and corrected, *&c.* *pp. 16.* 8⁰. *London*, 1792.

SOCIETY FOR THE ACCLIMATISATION OF ANIMALS, BIRDS, FISHES, INSECTS AND VEGETABLES, WITHIN THE UNITED KINGDOM.
See ACCLIMATISATION SOCIETY OF GREAT BRITAIN, IRELAND, AND THE COLONIES.

SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES AND COMMERCE.
See ROYAL SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES AND COMMERCE.

SOCIETY FOR THE PRESERVATION OF THE WILD FAUNA OF THE EMPIRE. [Founded 1903.]
Journal, *&c.* Vol. I→ 8⁰. [*London*,] 1904→

SOCIETY FOR THE PROTECTION OF BIRDS. [Founded 1889.]
Bird Notes and News. Circular Letter issued periodically by the Society, *&c.* No. I→ 8⁰. *London*, 1903→

SOCIETY OF AMATEUR GEOLOGISTS.
[1888 Founded.
1890 Amalgamated with the *Metropolitan Scientific Association* to form the *London Amateur Scientific Society (q.v.)*]
Proceedings, *&c.* Vol. I, no. 1–5. *pp. vi, 84.*†
8⁰. *London*, 1888–90.

SOCIETY OF APOTHECARIES OF LONDON.
[Incorporated 1617.]
Catalogus Plantarum Officinalium quæ in Horto Botanico Chelseyano aluntur. Auctore P. Miller. *pp. viii, 152.* 4⁰. *Londini*, 1730.

Society of Apothecaries of London.
Index Plantarum Officinalium, quas, ad materiæ medicæ scientiam promovendam, in Horto Chelseiano, ali ac demonstrari curavit Societas, *&c.* [Compiled by I. Rand.] *pp. [iv,] ii, 96.* 12⁰. *Londini*, 1730.

Society of Apothecaries of London.
Horti Medici Chelseiani index compendiarius, exhibens nomina Plantarum, quas, ad rei herbariæ præcipue materiæ medicæ scientiam promovendam, ali curavit Societas . . . Conscripsit I. Rand, *&c.* *pp. [viii,] 214.* 8⁰. *Londini*, 1739.

Society of Apothecaries of London.
Catalogus Plantarum secundum materiam medicam Collegii Regalis Londinensis quas in Horto Chelseano Societas . . . ali et demonstrari curavit. *pp. [iv,] 25.* 8⁰. *Londini*, 1802.

Society of Apothecaries of London.
Memoirs, historical and illustrative, of the Botanick Garden at Chelsea; belonging to the Society, *&c.* [By H. Field.] *pp. [viii,] 111.* 8⁰. *London*, 1820.

—— [Another edition] revised, corrected, and continued . . . by R. H. Semple . . . with . . . a Catalogue of the Plants, *&c.* *pp. 272 : 4 pls., 1 port.* 8⁰. *London*, 1878.

Society of Apothecaries of London.
Catalogus rationalis Plantarum Medicinalium, in Horto Societatis . . . apud vicum Chelsea, cultarum. Curante J. L. Wheeler, *&c.* *pp. 140.* 4⁰. *Londini*, 1830.

Society of Apothecaries of London.
Provisional List of Medicinal Plants, etc., proposed to be cultivated in the Botanic Garden of the Society, *&c.* [By T. Moore.] *pp. 26.* 8⁰. *London*, 1863.
Interleaved copy.

SOCIETY OF ARTS.
See Royal Society for the Encouragement of Arts, *&c.*

SOCIETY OF FIELD NATURALISTS, GLASGOW. *See* Glasgow Society of Field Naturalists.

SOCIETY OF GARDENERS.
Catalogus Plantarum . . quæ in Hortis haud procul a Londino sitis . . . propagantur.—A catalogue of Trees, Shrubs, Plants, and Flowers, . . . which are propagated for sale in the gardens near London, *&c.* *pp. xii, 90 : 22 pls. col.* fol. *London*, 1730.
This work is frequently attributed to P. Miller, who, as secretary to the Society, was probably largely concerned in its compilation.

SOCIETY OF IMPROVERS IN THE KNOWLEDGE OF AGRICULTURE IN SCOTLAND.
[Founded 1723.]
Select Transactions . . prepared for the press by R. Maxwell, *&c.* *pp. xxx, 457 : 1 pl.* 8⁰. *Edinburgh*, 1743.

SÖDERBAUM (Anders Gustaf) [1820–1875] Plantæ Cotyledonæ parœciæ Roslagiæ Bro . . . p. p. A. G. Söderbaum, *&c.* Pars II. *See* Schagerström (J. A.) 8⁰. 1840.

SÖDERBERG (Chp.) Examen Classis Diœciæ, cujus partem priorem . . . p. p. C. Söderberg, *&c.* *See* Thunberg (C. P.) 4⁰. [1825.]

SÖDERBERG (Daniel Henricus) Pandora et Flora Rybyensis, quam . . . offert D. H. Söderberg, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1771.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VIII, no. 157. 8⁰. 1785.

SÖDERBERG (Olaus) Specimen academicum de curiositate naturali, quod . . . submittit O. Söderberg, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1748.]

—— [Another edition entitled :] Curiositas naturalis, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. I, no. 18. 8⁰. 1749.

—— —— [Another edition.] Vol. I [no. 15]. 8⁰. 1749.

—— —— Editio tertia. Vol. I, no. 18. 8⁰. 1787.

—— [Another edition.] *See* Linnæus (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. I. 8⁰. 1786.

Söderberg (O.) O. Söderbergs Abhandlung von der Aufmerksamkeit auf die Natur. *See* Linnæus (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. III, no. 5. 8⁰. 1778.

SÖDERBERG (Rudolf) Hornborgasjöns fågellif. *pp. 94 : 1 map (col.), text illust.* *See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Arkiv för Zoologi, *&c.* Bd. IV, no. 1. 8⁰. 1908.

SÖDERLUND (Simon Fredrik) Om Latent Lif, med serskildt afseende på växterna. Akademisk afhandling, *&c.* *pp. 30.* 8⁰. *Upsala*, 1869.

SÖDERSTEDT (Johann Gustav) Dissertatio inauguralis medica de Oleo Cajuputi, cujus partem priorem . . . publice ventilandam offert J. G. Söderstedt, *&c.* *See* Thunberg (C. P.) 4⁰. 1797.

—— [Another edition.] *See* Thunberg (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. I. [No. 12.] 8⁰. 1799.

SÖDERSTRÖM (Edla) Ueber den anatomischen Bau von *Desmarestia aculeata* (L.) Lam. *pp. 16 : 1 pl.* *See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Bihang till . . . Handlingar. Bd. XIV, afd. III, no. 3. 8⁰. 1889.

SODIRO (Aloisio) [1836–1900] Recensio Cryptogamarum vascularium provinciæ Quitensis (Reipublicæ Æquatorianæ). *pp. vii, 112.* 8⁰. *Quiti*, 1883.

Sodiro (A.) Cryptogamæ vasculares Quitenses adiectis speciebus in aliis provinciis ditionis Ecuadorensis hactenus detectis. *pp. v, 656 [11] : 7 pls.* 8⁰. *Quiti*, 1893.

Sodiro (A.) Contribuciones al conocimiento de la Flora Ecuatoriana, *&c.* Monografia I–III. 3 Pt. *illust.* 8⁰. *Quito*, 1900 & 03.
Monog. III is extracted from the "Anales Univ." Quito. Tom. XVIII.

—— Monografia II. Anturios Ecuatorianos. Suplemento I. *pp. 100 [2] : 11 pls.* 8⁰. *Quito*, 1905.

Sodiro (A.) Anturios Ecuatorianos (Gen. *Anthurium*, Schott., Ord. Aroideas): diagnoses previas. *pp. 17 : wrapper illust.* 8⁰. [*Quito*, 1901.]

Sodiro (A.) Sertula Floræ Ecuadorensis . . . I. *Acrosticha. pp. 16 : 1 pl.* 8⁰. *Quiti*, 1905.
Anales Univ. Quito. Tom. XIX.

SODIRO (L.) *See* SODIRO (ALOISIO).

SOECHTING (JOHANN WILHELM EDMUND) [1830–] Die Einschlüsse von Mineralien in krystallisirten Mineralien, nebst Betrachtungen über die Entstehung von Mineralien und Gebirgsarten. *pp. vi, 357.* 8⁰. *Freiberg*, 1860.

Soechting (J. W. E.) & **others.** Die Einschlüsse von Mineralien in krystallisirten Mineralien, *&c.* 3 Abth. *pp. 264 : 8 pls. col. See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, deel IX. 4⁰. 1854.

SOEFFING (KARL OTTO HERMANN) [1859–] Krystallographische Untersuchung einiger organischen Verbindungen . . . Inaugural-Dissertation, *&c. pp. 44 : 1 pl.* 8⁰. *Göttingen*, 1883.

SOEHNS (FRANZ) Unsere Pflanzen hinsichtlich ihrer Namenserklärung und ihrer Stellung in der Mythologie und im Volksaberglauben. *pp. 92.* 8⁰. *Leipzig*, 1897.

SOEMMERRING (DETMAR WILHELM) [1793–1871] De Oculorum Hominis Animaliumque sectione horizontali commentatio, *&c. pp. 78, 2 tabs. : 3 pls.* fol. *Gœttingæ*, 1818.

SOEMMERRING (SAMUEL THOMAS VON) [1755–1830] S. T. Sömmerring . . . über die körperliche Verschiedenheit des Negers vom Europäer, *&c. pp. xxiv, 80 : 2 pls. col.* 8⁰. *Frankfurt & Mainz*, 1785.

Soemmerring (S. T. VON) Detached passages, selected from Prof. Sömmering's [*sic*] Essay on the Comparative Anatomy of Negro and European. *See* WHITE (C.) An account of the regular gradation in Man, *&c.* (Appendix.) 4⁰. 1799.

Soemmerring (S. T. VON) S. T. Sœmmerring tabula Sceleti Feminini juncta descriptione. *pp.* [*ii*] : *1 pl.* fol. *Trajecti ad Mœnum*, 1797.
Printed in double column.

Soemmerring (S. T. VON) Ueber die *Lacerta gigantea* der Vorwelt. *pp. 22 : 1 pl.* 4⁰. *München*, 1820.
Denkschr. k. Bayer. Akad. Wissensch. München. Bd. VI.

Soemmerring (S. T. VON) S. T. von Sömmerring . . . über die geheilte Verletzung eines fossilen Hyänen-Schädels. *pp. 44 : 3 pls.* 4⁰. [*Breslau & Bonn*, 1828.]
Nova Acta Acad. Cæs. Leop.-Carol., *&c.* Vol. XIV.

Soemmerring (S. T. VON) Catalogus Musei Anatomici quod collegit S. T. de Sœmmerring . . . editus a filio D. W. Sœmmerring. *pp. xv, 196.* 8⁰. *Francofurti ad Mœnum*, 1830.

SOETBEER (GEORG ADOLF) [1814–1892] Edelmetall-Produktion und Werthverhältniss zwischen Gold und Silber seit der Entdeckung Amerika's bis zur Gegenwart, *&c. pp. 141, 3 tabs. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XIII, no. 57. 4⁰. 1879.

SOFIA.—Unīversīteta.—*Mīneralo-Gheologhīcheskii Instītut.* [*Maps.*]
Gheologhicheska Karta na B'lgharīya, *&c.* Carte Géologique de la Bulgarie à l'échelle de 1 : 300,000 [*i.e.* 1 in. = 4¾ m. about], par G. N. Zlatarski, avec le concours de . . . G. Bontcheff pour les schistes cristallins et les terrains éruptifs dans les parties sud et sud-est de la principauté. 20 sh. *col.* *Sofia*, 1905–10.

SOFRONOV (M. E.) Mozhno-lī schītat dvuryadnuiĭ *Hordeum spontaneum*, C. Koch, rodonachal'noĭ formoĭ kul'tīvīruemuikh yachmeneĭ (*Hordeum sativum*, Jessen, *H. vulgare*, Kcke.)? [Can the two-rowed *Hordeum spontaneum*, C. Koch, be considered an ancestral form of the cultivated barley (*Hordeum sativum*, Jessen, *H. vulgare*, Kcke.)?] *pp. 7 : 2 pls. See* WARSAW.—OBSHCHESTVO ESTESTVOĬSPUITATELEĬ. Protokolui . . . otdyelenie Biologhiĭ. Ghod. XI. 8⁰. 1901.

SOHNCKE (LEONHARD) [1842–1897] Zur Theorie des optischen Drehvermögens von Krystallen. 8⁰. [*Leipsic*, 1876.]
Mathemat. Annal. Bd. IX, *pp. 504–529.*

Sohncke (L.) Entwickelung einer Theorie der Krystallstruktur. *pp. viii, 247.* 8⁰. *Leipzig*, 1879.

Sohncke (L.) Réponse à la Note de M. de Lapparent : "Sur les Théories relatives à la Structure Cristalline." *pp. 8. See* BRUSSELS.—SOCIÉTÉ SCIENTIFIQUE. Annales, *&c.* Tom. III. (Mémoires.) 8⁰. 1879.

SOKO-BANJA. Soko-Ban'a : prvī Meteorīt u Srbīiī. [Soko-Banja : the first Servian Meteorite. By J. Panchīć.] *pp. 32.* 8⁰. *u Beoghradu*, 1880.

SOKOL (RUDOLF) Příspěvek ku Geologickému výzkumu okolí Sadské. [A contribution to the Geology of the environs of Sadska.] *pp. 23 : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVIII, čís. 15. 8⁰. 1909.

Sokol (R.) Okolí České Kubice. Studie Geologická. [A Geological study of the environs of Böhmisch-Kubitzen.] *pp. 19 : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIX, čís. 25. 8⁰. 1910.

Sokol (R.) Český pruh křemmený od Brodu nad Lesy po Ronšperk. [On the Bohemian Dyke from Furth-im-Walde to Ronsperg.] *pp. 22 : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XX, čís. 30. 8⁰. 1911.

Sokol (R.) Tarasy středního Labe v Čechách. [The terraces of the middle Elbe in Bohemia.] *pp. 32 : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XXI, čís. 28. 8⁰. 1912.

SOKOLOV (DMĪTRIĬ NĪKOLAEVĪCH) Autzellui Tīmana ī Shpītzberghena.—Aucellen vom Timan und von Spitzbergen. *pp.* [*iv,*] *29 : 3 pls. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Nov. Ser., Vuip. 36. 4⁰. 1908.

Sokolov (D. N.) Ueber Aucellen aus dem Norden und Osten von Sibirien. *pp. 18 : 3 pls. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XXI, no. 3. 4⁰. 1908.

SOKOLOV (NĪKOLAĬ ALEKSYEEVĪCH) [1856–1907] Obshchaya Gheologhicheskaya Karta Rossiī. List 48.—Allegemeine geologische Karte von Russland. Blatt 48. Melitopol, Berdiansk, Perekop, Berislawl, *&c.* RUSS., with GERM. summary. *pp. viii, 261 : 1 map. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. IX, no. 1. 4⁰. 1889.

Sokolov (N. A.) Carte Géologique de la Russie d'Europe (échelle 1 : 520,000 [or rather, 1 : 2,520,000, *i.e.* 1 in. = 40 m. about]) . . . Note explicative. *See* RUSSIA.—COMITÉ GÉOLOGIQUE. 8⁰. 1893.

Sokolov (N. A.) Nīzhnetretīchnuiya otlozheniya yuzhnoĭ Rossiī.—Die untertertiären Ablagerungen Südrusslands. *pp. x, 328* [*1*] : *2 maps col., text illust. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. IX, no. 2. 4⁰. 1893.

Sokolov (N. A.) Fauna nīzhneolīghotzenovuikh otlozheniĭ okrestnosteĭ Ekaterīnoslava. I. Fauna ghlaukonītovuikh peskov Ekaterīnoslavskagho zhelyeznodorozhnagho mosta.—Die unteroligocäne Fauna der Glaukonitsande bei der Eisenbahnbrücke von Jekaterinoslaw. *pp. vi [i,] 136 [2]: 5 pls., text illust.* RUSS. & GERM. *See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. IX, no. 3. 4⁰. 1894.

Sokolov (N. A.) O proĭskhozhdeniĭ Līmanov yuzhnoĭ Rossiĭ.—Ueber die Entstehung der Limane Südrusslands. *pp. v, 102: 1 map, text illust. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. X, no. 4. 4⁰. 1895.

Sokolov (N. A.) Ghīdrogheologhīcheskiya īzslyedovaniya v Khersonskoĭ ghuberniĭ, *&c.*—Hydrogeologische Untersuchungen im Gouvernement Cherson. *pp. [i,] viii, 295. 1 map geol. col., text illust.* RUSS. & GERM. *See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. XIV, no. 2. 4⁰. 1896.

Sokolov (N. A.) Sloĭ s *Venus Konkensis* . . . na R. Konkye.—Die Schichten mit *Venus Konkensis* am Flusse Konka. *pp. 96: 4 pls., 1 map, text illust. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. IX, no. 5. 4⁰. 1899.

Sokolov (N. A.) Marghantzovuiya Rudui, *&c.*—Die Manganerzlager in den tertiären Ablagerungen des Gouvernements Jekaterinoslaw. *pp. [vii,] 79: 2 pls., 2 maps (1 geol. col.), text illust.* RUSS. & GERM. *See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Vol. XVIII, no. 2. 4⁰. 1901.

Sokolov (N. A.) Fauna Mollyuskov Mandrīkovkī.—Die Mollusken-Fauna von Mandrikowka, *&c.* I. *pp. iv, 82: 13 pls., text illust. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Nov. Ser., Vuip. XVIII. 4⁰. 1905.

Sokolov (N. A.) & **Armashevskiĭ** (P. YA.) Excursion au sud de la Russie. *pp. 40: 4 pls., 1 map, text illust. See* CONGRÈS GÉOLOGIQUE INTERNATIONAL.—*Seventh Session.* Guide des Excursions du VII. Congrès, *&c.* 8⁰. 1897.

SOKOLOV (V.) & **Lutughīn** (L. Ī.) Ghorlovskiĭ raïon ghlavnagho antīklīnala Donetzkagho basseĭna.—La partie occidentale de l'anticlinal principal du bassin du Donetz. *pp. 50, 1 tab.: 1 pl. col., 1 map geol. col. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Nov. Ser., Vuip. 53. 4⁰. 1910.

SOLÁ (FRANCISCO GARCÍA) *See* GARCÍA SOLÁ.

SOLANDER (DANIEL CARL) [1736–1782] Fossilia Hantoniensia collecta, *&c.* [Descriptions by Dr. Solander.] *See* BRANDER (G.) 4⁰. 1766.

Solander (D. C.) Some account of the *Cortex Winteranus*, or *Magellanicus*, by J. Fothergill . . . with a botanical description by Dr. Solander, *&c. See* FOTHERGILL (J.) 8⁰. 1779.

Solander (D. C.) [*Botanical Manuscripts.*] [The original descriptions and systematic lists of the Plants collected by Sir J. Banks and D. C. Solander during Capt. Cook's first Voyage, 1768–71.] 19 Pt. [in 9 Vol.] 4⁰.

[Plants collected in Tierra del Fuego.] *pp. 28.*
Plantæ Ins[ularum] Ocean[i] Pac[ifici]. *pp. 30.*
Plantæ Otaheitenses. *pp. 181.*
Index Speciminum Plantarum Insulæ Otaheitensis. [*pp. 24.*]
Index . . . Plantarum Insulæ Otaheite reliquarumque Insularum Oceani Pacifici. [*pp. 32.*]
[The two preceding MSS. are not in Solander's handwriting, but contain notes by him.]
Catalogus Plantarum Insulæ Otaheite. [*pp. 24.*]
Plantæ Australiæ [*i.e.* of New Zealand]. *pp. 307.*
Index Plantarum Australiæ [*i.e.* of New Zealand. *pp. 32].*
Plantæ Novæ Hollandiæ. *pp. 632* [in 2 Vol.].
—— [Transcript by S. Bacstrom.] 2 Vol.
Index Plantarum Novæ Hollandiæ. 2 Pt. *pp. 64 [32].*

[**Solander** (D. C.) [*Botanical Manuscripts.*] [The original descriptions and systematic lists, *&c.*] (contd.)]

Plantæ Javanenses. *pp. 176.*
—— [Transcript by S. Bacstrom.]
Index Plantarum Javanensium. *pp. 62.*
Plantæ Capenses. *pp. 17.*
—— [Transcript by S. Bacstrom.]
Index Plantarum Capensium. [*pp. 62.*]
Plantæ Insulæ Stæ. Helenæ. *pp. 37 [4].*
Index Plantarum Insulæ Stæ. Helenæ. [*pp. 23.*]

Solander (D. C.) [*Botanical Manuscripts.*] [Manuscript lists of Plants collected during Capt. Cook's first voyage, in the order in which they were placed in the drying books for carriage home.] *foll. 29.* 4⁰.

Solander (D. C.) [*Botanical Manuscripts.*] [Floras of the Countries visited during Capt. Cook's first Voyage, compiled by S. Bacstrom from Solander's MSS.] *pp. 620* [in 3 Vol.] fol.

Primitiæ Floræ Maderensis, sive catalogus Plantarum in Insula Madera a. c. 1768 . . . collectarum. *pp. 1–41.*
Primitiæ Floræ Brasiliensis, sive catalogus Plantarum circa Rio de Janeiro a. c. 1768 . . . collectarum. *pp. 47–128.*
Primitiæ Floræ Terræ del Fuego, sive catalogus Plantarum prope Fretum Le Maire a. c. 1769 . . . collectarum. *pp. 129–193.*
Primitiæ Floræ Insularum Oceani Pacifici, sive catalogus Plantarum in Otaheite, Eimeo, Otaha, Huaheine, & Ulaietea a. c. 1769, *&c. pp. 199–380.*
Primitiæ Floræ Novæ Zelandiæ, sive catalogus Plantarum in Eahei No Mauwe & T'Avai Poenammoo . . . 1769–70 collectarum. *pp. 381–620.*

Solander (D. C.) [Descriptions of Plants from various parts of the World, copied out by S. Bacstrom.] *foll. 218.* fol.

Solander (D. C.) [*Botanical Manuscripts.*] (Florula Capensis.) *foll. 179.* fol.

A systematic List of the Plants of the Cape of Good Hope, with records of the persons who collected them, and notes on the species.

Solander (D. C.) [*Botanical Manuscripts.*] Plantæ Capenses non adhuc rite cognitæ, sed quarum figuræ exstant, *&c. pp. 86.* 4⁰.

Solander (D. C.) [*Botanical Manuscripts.*] Flora Capensis. *pp. 119.* 4⁰.

A Catalogue of Plants from the Cape of Good Hope, including those collected by Sir J. Banks and D. C. Solander during Capt. Cook's first Voyage (March and April, 1771), as well as those previously described.

Solander (D. C.) [*Botanical Manuscripts.*] Flora Islandica. [*pp. 112.*] 4⁰.

A list, by S. Bacstrom, with notes by Solander, of the Plants collected by Banks and Solander on their visit to the Island in 1772.

[Various memoranda connected with the visit to Iceland.] 4⁰.

Solander (D. C.) [*Botanical Manuscripts.*] Plantæ Insulæ Desolationis (—Terræ Diemens, *&c.*) *pp. 60.* 4⁰.

Lists of Plants collected during Capt. Cook's third Voyage (1776–80), in the order in which they were placed in the drying books for carriage home.

Solander (D. C.) [*Botanical Manuscripts.*] (Florula Indiæ Occidentalis.) *foll. 231 [18].* fol.

A systematic List of the Plants of the West Indies, Central America and Guiana, with records of the localities where the Plants have been found, the names of the persons who collected them, and notes on the species. With additions by Dryander.

Solander (D. C.) [*Botanical Manuscripts.*] [Manuscript descriptions of Plants, written on slips of paper and systematically arranged, the Phanerogams and Vascular Cryptogams in accordance with Wildenow's edition of Linné's "Species Plantarum," the Cellular Cryptogams by Richard's edition of that work.
The slips, now bound in 24 volumes, were originally kept in small Solander Cases, and designed to form a complete catalogue of the species of Plants then known.]

Solander (D. C.) [*Botanical Manuscripts.*] [For other manuscript notes] *See* HOUSTOUN (W.) ["Catalogus Plantarum," *&c.*, and other original manuscripts by that author.]

Solander (D. C.) [*Zoological Manuscripts.*] [The original manuscript descriptions of the Animals collected by Sir J. Banks and D. C. Solander during Capt. Cook's first Voyage, 1768–71.] 4 Pt. [in 1 Vol.] 4⁰. [*c.* 1771.]

Pisces & Anim. cætera Oceani Pacifici. [Index.] *pp. 139, 7 [12].*
Pisces Australiæ [*i.e.* of New Zealand]. [Index.] *pp. 54 [18].*
Pisces, &c. Novæ Hollandiæ. *pp. 18.*
Animalia Javanensia & Capensia. *pp. 30 [12].*

[—— Final transcripts of the first three parts.]
Pisces & Anim. cætera Oceani Pacifici. [*foll. 167.*]
Pisces Australiæ. *foll. 47.*
Pisces, &c. Novæ Hollandiæ. *foll. 18.*

Solander (D. C.) [*Zoological Manuscripts.*] [A fair copy of the descriptions of Animals observed during Capt. Cook's first Voyage.] *foll. 248.* fol.

Solander (D. C.) [*Zoological Manuscripts.*] Pisces Islandici. *pp.* [*8,*] *6* [*10*]. 4⁰. [*c.* 1772.]

Autograph descriptions and notes on the Fish and some other Animals obtained during the visit to Iceland in 1772.

Solander (D. C.) [*Zoological Manuscripts.*] [Manuscript notes and emendanda to Ray's "Synopsis Avium," and the Mammals in Buffon's "Histoire Naturelle."] *foll. 24.* 4⁰. [ ]

Solander (D. C.) [*Zoological Manuscripts.*] [Manuscript descriptions of Animals, written on slips and systematically arranged in accordance with Linné's "Systema Naturæ . . . Editio duodecima reformata." The slips, now bound in 27 volumes, were originally kept in small Solander Cases, and designed to form a complete catalogue of the species of Animals then known.]

Solander (D. C.) [The original water-colour drawings of some of the Plants collected in Iceland by Banks and Solander.] *See* MILLER (J. F.) fol. [*c.* 1772.]

Solander (D. C.) & **Ellis** (J.) The natural history of many . . . Zoophytes, *&c.* *See* ELLIS (J.) & SOLANDER (D. C.) 4⁰. 1786.

SOLANO Y EULATE (JOSÉ MARÍA)
Noticia sobre la Piedra Meteórica caida en término de Múrcia . . . Agosto de 1870. *pp. 8.*
Cartas inéditas del Baron A. de Humboldt presentadas á la Sociedad . . . por D. J. M. Solano y Eulate. *pp. 10.*
Noticia sobre un Hierro Meteórico hallada en el departamento oriental de la Isla de Cuba. *pp. 4.*
See MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. I. 8⁰. 1872.

Solano y Eulate (J. M.) Noticia acerca de un Aragonito coraloideo, de la mina la "Begoña," en término de los Tres Concejos (Vizcaya). *pp. 4.* *See* MADRID. — REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. II. 8⁰. 1873.

SOLARO (J. M. SANNA) *See* SANNA SOLARO.

SOLBRIG (AUGUST) Ueber die feinere Structur der Nervenelemente bei den Gasteropoden . . . eine . . . gekrönte Preisschrift, *&c.* *pp. vi, 53 : 7 pls.* 4⁰. *Leipzig*, 1872.

SOLDAN (CARL) Die wichtigsten Giftpflanzen Deutschland's in lebensgrossen Abbildungen, zur Warnung und Belehrung über die Gefahr, nach der Natur gemalt . . . von J. Prestele . . . ausgewählt und beschrieben von C. Soldan. *pp. vi, 56 : 24 pls. col.* 8⁰. & fol. *Friedberg*, 1843.

The text has been mounted to the size of the plates.

SOLDAN (MARIANO FELIPE PAZ) & (MATEO PAZ) *See* PAZ SOLDAN.

SOLDANI (AMBROGIO) [1733–1808] Saggio orittografico, ovvero osservazioni sopra le terre nautilitiche ed ammonitiche della Toscana. Con Appendice, *&c.* *pp. vii, 146 : 25 pls.* 4⁰. *Siena*, 1780.

Soldani (A.) Testaceographiæ ac Zoophytographiæ parvæ et microscopicæ tomus primus (—secundus), *&c.* 2 Vol. [in 4] *illust.* 4⁰. *Senis*, 1789–98.

Tom. I, dealing with recent forms, was issued in three parts, each having an engraved dedication and engraved title-pages to the text and plates :—Pt. 1, *pp. xxxii, 80 : 93 pls.*, in 1789 ; pt. 2, *pp. 87–200 : pls. xciv–cxlii*, in 1791 ; and pt. 3, *pp. 205–289 : pls. cxliii–clxxix*, in 1795.
Photographs of the portrait in oils of the author at the Siena Academy, and of the engraved portrait in Ricca's "Discorso sopra le Opere del . . . A. Soldani," *&c.*, have been inserted in front of part I.
Tom. II, treating of the fossil forms, *pp. viii, 148 : 49 pls.*, *engr. title*, appeared in 1798, and the last 23 plates are a reproduction of the first 23 of the author's "Saggio orittografico."

Soldani (A.) Discorso sopra le Opere del . . . A. Soldani, *&c.* *See* RICCA (M.) 8⁰. 1810.

Soldani (A.) Sulla illustrazione delle Opere del P. A. Soldani, *&c.* *See* SILVESTRI (O.) 4⁰. [1863 ?]

SOLE (WILLIAM) [1741–1802] Menthæ Britannicæ : being a new botanical arrangement of all the British Mints . . . with several new species, *&c.* *pp. viii, 55 : 24 pls.* fol. *Bath*, 1798.

Six holograph letters by the author are bound in at the end of the volume.

SOLEILLET (JEAN JOSEPH MARIE MICHEL PAUL) [1842–1886] Mollusques terrestres et fluviatiles recueillis par M. P. Soleillet dans son voyage au Choa (Éthiopie meridionale). *See* BOURGUIGNAT (J. R.) 8⁰. 1885.

SOLER (SEBASTIAN VIDAL Y) *See* VIDAL Y SOLER.

SOLEREDER (HANS) Aristolochiaceæ & Loganiaceæ. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. III, abth. 1 ; IV, abth. 2. 8⁰. 1889–95.

Solereder (H.) Systematische Anatomie der Dicotyledonen, *&c.* *pp. xii, 984 : text illust.* 8⁰. *Stuttgart*, [1898–] 99.

Received in four parts as follows :—Lief. 1, *pp. 1–240*, 24 Oct. 1898 ; lief. 2, *pp. 241–480*, 6 Dec. 1898 ; lief. 3, *pp. 481–720*, 10 Jan. 1899 ; lief. 4, *pp. 721–984*, 26 April 1899.

—— Ergänzungsband. *pp. viii, 422.* 8⁰. *Stuttgart*, 1908.

Solereder (H.) Systematic Anatomy of the Dicotyledons . . . Translated by L. A. Boodle . . . and F. E. Fritsch . . . revised by D. H. Scott. 2 Vol. *illust.* 8⁰. *Oxford*, 1908.

SOLERIUS (HUGO) H. de Solier. *See* LEGRÉ (L.) La Botanique en Provence au XVIᵉ siècle. 8⁰. 1899.

SOLEYMAN, *Pacha.* *See* SULAIMÁN, *Khádim, Grand Vizier to the Sultan Sulaimán I.*

SOLGER (BERNHARD FRIEDRICH) [1849–] Zur Kenntniss der postembryonalen Entwicklung des Skeletts der Säugethiere. *pp. 20 : 2 pls.* *See* HALLE.—NATURFORSCHENDE GESELLSCHAFT. Abhandlungen, *&c.* Bd. XX. 8⁰. 1894.

SOLIER (ANTOINE JOSEPH JEAN) [1792–1851] [Coleoptera (Pentamera & Heteromera) of Chili.] *See* GAY (C.) Historia fisica . . . de Chile . . . Zoologia. Tom. IV & V. 8⁰. & fol. 1849–51.

Solier (A. J. J.) & **Derbes** (A.) Mémoire sur quelques points de la physiologie des Algues. *See* DERBES (A.) & SOLIER (A. J. J.) 4⁰. [1856.]

SOLIER (HUGUES DE) *See* SOLERIUS.

SOLIMAN, *Pacha.* *See* SULAIMÁN, *Khádim, Grand Vizier to the Sultan Sulaimán I.*

SOLLAS (William Johnson) [1849-] Notes on the *Ventriculites* of the Chalk. *See* Dixon (F.) The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

Sollas (W. J.) Spongiæ. *See* Duncan (P. M.) Cassell's Natural History. Vol. vi. 4⁰. 1883.

Sollas (W. J.) Mineralogy. By . . . Sir H. De la Beche. (Revised . . . by . . . W. J. Sollas.) *See* Great Britain & Ireland.—*Admiralty.* A Manual of Scientific Enquiry . . . Fifth edition, *&c.* 8⁰. 1886.

Sollas (W. J.) Report on the Tetractinellida collected by H.M.S. Challenger, *&c. pp. clxvi, 458 : 44 pls. col., 1 map, text illust. See* Great Britain & Ireland. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. lxiii.) Vol. xxv. 4⁰. 1888.

Sollas (W. J.) Sponges. *See* Lankester (E. R.) Zoological Articles, *&c.* 4⁰. 1891.

Sollas (W. J.) Narrative of the Expedition [to Funafuti] in 1896. *See* Royal Society of London.—*Coral Reef Committee.* The Atoll of Funafuti, *&c.* 4⁰. 1904.

Sollas (W. J.) The Age of the Earth and other Geological Studies. *pp. xvi, 328 : 1 pl., text illust.* 8⁰. *London*, 1905.

Sollas (W. J.) Ancient Hunters and their modern representatives. *pp. xvi, 416 : 2 pls., text illust.* 8⁰. *London*, 1911.

SOLLY (Richard Harrison) An elementary introduction to Mineralogy. *pp. x, 384 : text illust.* 8⁰. *London*, 1894.

SOLMS (Hermann von)
See Solms-Laubach (H. M. C. L. F.) *Count.*

SOLMS-LAUBACH (Hermann Maximilian Carl Ludwig Friedrich) *Count* [1842-] De Lathrææ generis positione systematica. Dissertatio inauguralis botanica, *&c. pp. 42.* 8⁰. *Berolini*, 1865.

Solms-Laubach (H. M. C. L. F.) *Count.* Tentamen Bryo-geographiæ Algarviæ regni Lusitani provinciæ. Commentatio, *&c. pp. 43.* 8⁰. *Halis*, 1868.

Solms-Laubach (H. M. C. L. F.) *Count.* Chloranthaceæ. —Lennoaceæ. *See* Candolle (Aug. P. de) Prodromus Systematis naturalis Regni Vegetabilis, *&c.* Pt. xvi & xvii. 8⁰. 1869, 73.

Solms-Laubach (H. M. C. L. F.) *Count.* Die Familie der Lennoaceen. *pp. 60 : 3 pls.* 4⁰. *Halle*, 1870.
Abhandl. Naturf. Gesell. Halle. Bd. xi.

Solms-Laubach (H. M. C. L. F.) *Count.* Das Haustorium der Loranthaceen und der Thallus der Rafflesiaceen und Balanophoreen, *&c. pp. 40 : 4 pls. col.* 4⁰. *Halle*, 1875.
Wanting pl. iv.
Abhandl. Naturf. Gesell. Halle. Bd. xiii.

Solms-Laubach (H. M. C. L. F.) *Count.* Rafflesiaceæ. —Caricaceæ. *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. iv, pt. 2 ; xiii, pt. 3. fol. 1878, 89.

Solms-Laubach (H. M. C. L. F.) *Count.* Die Corallinenalgen des Golfes von Neapel und der angrenzenden Meeres-Abschnitte. *pp.* [*vi,*] *64 : 3 pls. See* Naples. —zoologische station. Fauna und Flora des Golfes von Neapel, *&c.* Monog. iv. 4⁰. 1881.

Solms-Laubach (H. M. C. L. F.) *Count.* Die Herkunft, Domestication und Verbreitung des gewöhnlichen Feigenbaums (*Ficus Carica*, L.), *&c. pp. 106. See* Gottingen.—koenigliche gesellschaft der wissenschaften. Abhandlungen, *&c.* Bd. xxviii. 4⁰. 1882.

Solms-Laubach (H. M. C. L. F.) *Count.* Pontederiaceæ. *See* Candolle (Alph. L. P. P. de) & (Aug. C. P. de) Monographiæ Phanerogamarum, *&c.* Vol. iv. 8⁰. 1883.

Solms-Laubach (H. M. C. L. F.) *Count.* Die Coniferenformen des Deutschen Kupferschiefers und Zechsteins. *pp. 38 : 3 pls. See* Palaeontologische Abhandlungen. Bd. ii, hft. 2. 4⁰. 1884.

Solms-Laubach (H. M. C. L. F.) *Count.* Einleitung in die Paläophytologie vom botanischen Standpunkt aus. *pp. viii, 416.* 8⁰. *Leipzig*, 1887.

Solms-Laubach (H. M. C. L. F.) *Count.* Fossil Botany . . . The authorised English translation, by H. E. F. Garnsey . . revised by I. B. Balfour, *&c. pp. xi, 401 : text illust.* 8⁰. *Oxford*, 1891.

Solms-Laubach (H. M. C. L. F.) *Count.* Pandanaceæ, Rafflesiaceæ and Hydnoraceæ. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. ii, abth. 1 ; iii, abth. 1, 6. 8⁰. 1887–94.

Solms-Laubach (H. M. C. L. F.) *Count. See* Botanische Zeitung. Herausgegeben von H. Solms-Laubach. Jahrg. xlvi–lxvi. 8⁰. 1888–1908.

Solms-Laubach (H. M. C. L. F.) *Count.* Ueber *Stigmariopsis*, Grand' Eury. *pp. 17 : 3 pls., 1 text illust. See* Palaeontologische Abhandlungen, *&c.* Neue Folge, Bd. ii, hft. 5. 4⁰. 1894.

Solms-Laubach (H. M. C. L. F.) *Count.* Ueber die seinerzeit von Unger beschriebenen strukturbietenden Pflanzenreste des Unterculm von Saalfeld in Thüringen. *pp. 100 : 5 pls. See* Prussia.—koeniglich-preussische geologische landes-anstalt, *&c.* Abhandlungen, *&c.* Neue Folge, Hft. 23. 8⁰. 1896.

Solms-Laubach (H. M. C. L. F.) *Count.* Weizen und Tulpe und deren Geschichte. *pp. iv, 116 : 1 pl. col.* 8⁰. *Leipzig*, 1899 [*i.e.* 1898].

Solms-Laubach (H. M. C. L. F.) *Count.*
Rafflesiaceæ. *pp. 18* [*1*] *: text illust.*
Hydnoraceæ. *pp. 8* [*1*] *: text illust.*
See Engler (H. G. A.) Das Pflanzenreich, *&c.* Hft. 5. (iv. 75 & 76.) 8⁰. 1901.

Solms-Laubach (H. M. C. L. F.) *Count.* Die strukturbietenden Pflanzengesteine von Franz Josefs Land. *pp. 16 : 2 pls. See* Stockholm.—kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xxxvii, no. 7. 4⁰. 1904.

Solms-Laubach (H. M. C. L. F.) *Count. See* Zeitschrift fuer Botanik. Herausgegeben von . . . Hermann Graf zu Solms-Laubach. Jahrg. i→ 8⁰. 1909→

Solms-Laubach (H. M. C. L. F.) *Count* & **Capellini** (G.) I tronchi di Bennettitee dei Musei Italiani. Notizie storiche, geologiche, botaniche. *See* Capellini (G.) & Solms-Laubach (H. M. C. L. F.) *Count.* 4⁰. 1892.

SOLÓRZANO (Manuel Martínez) Relacion de las ceremonias y ritos y poblacion y gobernacion de los Indios de la provincia de Mechuacan, *&c. pp. 301 : 43 pls.* 8⁰. *Morelia*, 1903.
The wrapper bears date 1904.

SOLOTHURN.—Naturforschende Gesellschaft. Mittheilungen, *&c.* Hft. 1→ 1899-1902→ 8⁰. *Solothurn*, 1902→

SOL'SKIĬ (SEMEN MARTUINOVĪCH) [-1879] [Coleoptera of Turkestan.] 2 Pt. *See* MOSCOW. — ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĬ Ī ÉTNOGHRAFIĬ, *&c.* Īzvyestiya, *&c.* Tom. XI, vuip. 3; XXI, vuip. 1. 4⁰. 1874-76.

—— [Another issue.] *See* FEDCHENKO (A. P.) Puteshestvie v Turkestan (Reise in Turkestan), *&c.* Tom. II, chast 5. 4⁰. 1874-76.

—— [For a translation of the introductory portion revised by the author] *See* LANSDELL (H.) Russian Central Asia, *&c.* Vol. II, Appendix A. 8⁰. 1885.

SOLSKY (SIMON M.) *See* SOL'SKIĬ.

SOLVAY (ERNEST) The Part Played by Electricity in the Phenomena of Animal Life. Address . . . by . . . E. Solvay . . . Translated . . . by J. W. Mallet, *&c.* *pp. 72.* 8⁰. *New York*, 1896.

SOLYMAN, *Pacha.* *See* SULAIMÁN, *Khádim, Grand Vizier to the Sultan Sulaimán I.*

SOLYMOS (B.) [*pseud., i.e.* B. E. FALKONBERG] Desert Life. Recollections of an Expedition in the Soudan. *pp. xi, 382 : 1 pl., 1 map.* 8⁰. *London*, 1880.

SOMALILAND PROTECTORATE. King's Regulations [with reference to sporting and fire-arms], *&c.* No. 2 of 1900, no. 3 of 1901, no. 5 of 1903, & no. 1 of 1904. fol. [*Berbera*, 1900-04.]

Somaliland Protectorate. Rules for the Guidance of Persons intending to travel in the . . . Protectorate for sporting or other purposes. *pp. 3.* fol. [*Berbera*, 1902.]

SOMALILAND PROTECTORATE. [*Maps.*] Map of the Somali Country. Compiled . . . 1887. Corrected . . . 1889. Scale 1 : 1,267,200, or 20 miles = 1 inch. s.sh. [*London*,] 1889.

Intelligence Division, War Office, No. 663.

SOMEREN (G. J. VAN) *See* VAN SOMEREN.

SOMERMEIER (E. E.) & **others.** Coal. Part one: Coals of the Monongahela formation . . Part two: Chemical Analyses . . . of the Clarion, Lower Kittanning, Middle Kittanning and Upper Freeport Coals. Geology by J. A. Bownocker. Chemistry by N. W. Lord [&] E. E. Somermeier. *pp. xii, 342 : 7 pls., 2 maps, text illust.* *See* OHIO, *State of.* — *Geological Survey.* Fourth Series, Bulletin 9. 8⁰. 1908.

SOMERSETSHIRE ARCHÆOLOGICAL AND NATURAL HISTORY SOCIETY. [Founded 1849.] Proceedings, *&c.* Vol. I→ 8⁰. *Taunton & London*, 1851→

Vol. 21-40 also form New Series, Vol. I-XX, and Vol. 41→ form Series III, vol. I→

—— General Index to Vol. I-XX . . . and Index to Wells Chapter Records. 8⁰. *Taunton & London*, 1876.

—— —— Vol. XXI-XXV. [8⁰. *Taunton & London*, 1880.]

Issued with Vol. XXV.

Somersetshire Archæological and Natural History Society. On the Pleistocene Mammalia of Somerset.—Catalogue of bones in the Museum of the . . . Society, *&c.* *See* SANFORD (W. A.) 4⁰. 1867.

Somersetshire Archæological and Natural History Society. A Guide to the Museum of the . . . Society in Taunton Castle, by W. Bidgood . . . Sixth edition. *pp. 24 : text illust.* 8⁰. *Taunton*, 1897.

SOMERVILLE (ALEXANDER) [1842-1907] County and Vice-County divisions of the British Isles. (For biological purposes.) s.sh. *Glasgow* [1898].

SOMERVILLE (ROBERT) On the culture of Flax, *&c.* *pp. 26.* 4⁰. *London*, 1807.

SOMERVILLE (WILLIAM) Timbers and how to know them . . . Translated from the third German edition [with a preface and "Explanation of terms"] by W. Somerville, *&c.* *See* HARTIG (R.) 8⁰. 1890.

SOMME, *Department of.*—**Académie des Sciences, Agriculture, Commerce, Belles-Lettres, et Arts.** *See* AMIENS.

SOMMÉ (CLAUDE LOUIS) [1772-1854] Recherches sur l'anatomie comparée du Cerveau. *pp. vii, 79.* 4⁰. *Anvers*, 1824.

SOMMELIUS (N. J.) Algarum decas tertia, quam . . . exhibet N. J. Sommelius, *&c.* *See* AGARDH (C. A.) 8⁰. [1814.]

SOMMER (ANDREAS GARTNER) [1804-1871] Thymi in Homine ac per seriem Animalium descriptionis anatomico-physiologicæ particula prior, Thymi in Homine cæterisque Mammalibus descriptionem anatomicam . . . exhibens . . . respondente . . . A. G. Sommer, *&c.* *See* HAUGSTED (F. C.) 8⁰. 1831.

SOMMER (FERDINAND VON) Catalogus der geologische Bestanddeelen van Nieuw-Holland. *pp. 9.* *See* BATAVIA.—BATAVIAASCH GENOOTSCHAP VAN KUNSTEN EN WETENSCHAPPEN. Verhandelingen, *&c.* Deel XXII. 4⁰. 1849.

SOMMER (GUSTAV) Die Bäume und Sträucher der Grossh. Schlossgartenanlagen zu Karlsruhe. *pp. iv, [iv,] 126.* 8⁰. *Karlsruhe*, 1886.

SOMMER (W.) Drei Grönländerschädel [obtained on Drygalski's Expedition]. *See* ZOOLOGICA. Bibliotheca Zoologica, *&c.* Bd. VIII, hft. 20, no. 7. 4⁰. 1897.

SOMMERFELDT (ERNST) [1877-] Geometrische Kristallographie. *pp. x, 139 : 31 pls., text illust.* 8⁰. *Leipzig*, 1906.

Sommerfeldt (E.) Physikalische Kristallographie vom Standpunkt der Strukturtheorie. *pp. vi, [i,] 132 : 11 pls., text illust.* 8⁰. *Leipzig*, 1907.

Sommerfeldt (E.) Die Kristallgruppen, nebst ihren Beziehungen zu den Raumgittern. *pp. vii, 79 : text illust.* 8⁰. *Dresden*, 1911.

Sommerfeldt (E.) Petrographisch-chemische Untersuchungen an den Basalten des südlichen Bakony. *pp. 20 [1].* *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1. [Anhang.] Geologischer, petrographischer, mineralogischer und mineralchemischer Anhang. 4⁰. 1911.

Sommerfeldt (E.) Praktikum der experimentellen Mineralogie, mit Berücksichtigung der kristallographischen und chemischen Grenzgebiete. *pp. xi, 192 : 1 diag., text illust.* 8⁰. *Berlin*, 1911.

Forming a volume of the "Bibliothek für naturwissenschaftliche Praxis herausgegeben von W. Wächter."

SOMMERFELT (Sören Christian) [1794–1838] Supplementum Floræ Lapponicæ, quam edidit . . . G. Wahlenberg, *&c.* *pp. xii, 331 : 3 pls. col.* 8⁰. *Christianiæ*, 1826.

SOMMIER (Stefano) [1848-] L'Isola del Giglio e la sua Flora, con Notizie Geologiche del . . . C. de Stefani. *pp. clxxii, 164 : 5 pls., 1 map geol. col., text illust.* 4⁰. *Torino*, 1900.

Sommier (S.) Le Isole Pelagie, Lampedusa, Linosa, Lampione e la loro Flora. *pp. 344 [1].* *See* Palermo. —*Real Orto Botanico.* Bollettino, *&c.* Vol. v vii. 8⁰. 1906–08.

SOMMIÈRES (L. C. Vialla de) *See* Vialla de Sommières (L. C.)

SOMNER (John) Chartham News: or a brief relation of some strange bones, there lately digged up, in some grounds of . . . J. Somner's, of Canterbury, *&c.* *See* Somner (W.) 4⁰. 1669.

SOMNER (William) Chartham News: or a brief relation of some strange bones, there lately digged up, in some grounds of . . J. Somner's, of Canterbury: written by his brother . . W. Somner, *&c.* *pp. [iv,] 10.* 4⁰. *London*, 1669.

The illustration mentioned in the text is wanting.

SONDÉN (Carl Ulrik) [1802-1875] Pharmaco-Kritik eller Pröfning af Läkemedlens Äkthet och Renhet, med uteslutande hänseende till Svenska Pharmakopéen. Första delen . . . af C. U. Sondén . . . framställd, *&c.* *See* Thunberg (C. P.) 8⁰. [1828.]

SONDER (Otto Wilhelm) [1812-1881] Plantæ Preissianæ [in part by O. W. Sonder], *&c.* *See* Lehmann (J. G. C.) 8⁰. 1844–47.

Sonder (O. W.) Revision der Heliophileen. *See* Hamburg.—naturwissenschaftlicher verein. Abhandlungen, *&c.* Bd. i, no. 6. 4⁰. 1846.

Sonder (O. W.) Flora Hamburgensis. Beschreibung der phanerogamischen Gewächse, welche in der Umgegend von Hamburg wild wachsen und häufig cultivirt werden. *pp. iv, 601.* 8⁰. *Hamburg*, 1851.

Sonder (O. W.) Die Algen des tropischen Australiens. *pp. 74 : 6 pls. col.* *See* Hamburg.—naturwissenschaftlicher verein. Abhandlungen, *&c.* Bd. v, abth. 2, no. 2. 4⁰. 1871.

Sonder (O. W.) Algæ. Bearbeitet von W. Sonder. *See* Decken (C. C. von der) *Baron.* Baron C. C. von der Decken's Reisen in Ost-Afrika in 1859–61. Bd. iii, abth. 3. 8⁰. 1879.

Sonder (O. W.) Algæ Australianæ hactenus cognitæ. *See* Mueller (*Sir* F. J. H. von) *K.C.M.G., Baron.* Fragmenta Phytographiæ Australiæ.—Supplementum ad Vol. xi, pt. i. 8⁰. 1880.

Sonder (O. W.) & **Harvey** (W. H.) Flora Capensis, *&c.* 3 Vol. *See* Harvey (W. H.) & Sonder (O. W.) 8⁰. 1859–65.

SONKLAR VON INNSTAEDTEN (Carl Albrecht) Die Oetzthaler Gebirgsgruppe, mit besonderer Rücksicht auf Orographie und Gletscherkunde, *&c.* *pp. xv, 292 : 1 pl. col., text illust.* 8⁰. *Gotha*, 1860.

Sonklar von Innstaedten (C. A.) Die Zillerthaler Alpen, mit besonderer Rücksicht auf Orographie, Gletscherkunde und Geologie, *&c.* *pp. 61 : 3 maps.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. vii, no. 32. 4⁰. 1872.

SONNENBURG (Albert) Arithmonomia naturalis, seu de numeris in rerum natura tentamen e Mineralogia, Botanice et Zoologia illustratum. *pp. vi, 124 : 1 pl.* 4⁰. *Dresdæ & Lipsiæ*, 1838.

SONNENBURG (Ludwig) Zoologisch-kritische Bemerkungen zu Aristoteles Thiergeschichte. *pp. 27.* 4⁰. *Bonn*, 1857.

Program. k. Gymnas. Bonn.

SONNERAT (Pierre) [1749–1814] Voyage à la Nouvelle Guinée, dans lequel on trouve la description des Lieux, des Observations physiques . . . & des détails relatifs à l'Histoire naturelle dans le Règne Animal & le Règne Végétal. *pp. xii, 206 : 120 pls.* 4⁰. *Paris*, 1776.

Sonnerat (P.) An account of a Voyage to the Spice-Islands, and New Guinea . . . with Notes. (Index rerum naturalium tabulis æneis incisarum, *&c.*) *pp. 150 (xlv).* 8⁰. *Paris:* printed 1775, *Bury St. Edmunds*, reprinted *London, Cambridge*, 1781.

This contains a very brief abstract of the "Voyage à la Nouvelle Guinée" (which was published in 1776, not 1775), condensed into 77 pages, the remainder being taken up by the translator's notes and the index to the plates, which were not, however, reproduced.

Sonnerat (P.) Sonnerat's . . . Reise nach Neuguinea. Aus dem Französischen übersezt von J. P. Ebeling. *pp. 71 [1] : 30 pls.* 4⁰. *Leipzig*, 1777.

Sonnerat (P.) Voyages aux Indes orientales et à la Chine, fait . . . depuis 1774 jusqu'en 1781 : dans lequel on traite . . . des Indiens, des Chinois, des Pégouins & des Madégasses; suivi d'Observations sur le Cap de Bonne-Espérance, les Isles de France & de Bourbon, les Maldives, Ceylan, Malacca, les Philippines & les Moluques, & de recherches sur l'Histoire Naturelle de ces Pays. 2 Tom. *illust.* 4⁰. *Paris*, 1782.

A copy on Large Paper, with coloured illustrations, is in the Tweeddale Library of the Zoological Department.

SÖNNERBERG (Jacob) [1770–1847] Animadversiones in Classem Mammalium Linneanam . . . offert J. Sönnerberg, *&c.* *See* Retzius (A. J.) 4⁰. [1796.]

Sönnerberg (J.) & **Segersteen** (A. P.) Dijudicatio emendationum Systematis Sexualis Linneani, *&c.* *pp. 20.* 4⁰. [*Lund*, 1798.]

SONNET (Michel Louis Joseph Hippolyte) [1803–1879] & **others.** Éléments des Sciences physiques et naturelles rédigés . . . par MM. Saigey, Sonnet, *&c.* *See* Saigey (J. F.) *& others.* 12⁰. 1853.

SONNINI DE MANONCOURT (Charles Nicolas Sigisbert) [1751–1812] Histoire Naturelle . . . nouvelle édition, accompagnée de Notes . . . Ouvrage . . . rédigé par C. S. Sonnini (—[Suites] 63 Vol.) 127 Vol. *illust. col.* *See* Buffon (G. L. L. de) *Count.* 8⁰. An vii [1799]—1808.

Sonnini de Manoncourt (C. N. S.) Voyage dans la Haute et Basse Égypte . . . contenant des observations de tous genres, *&c.* 3 Tom. & Atlas, *39 pls., 1 map.* 8⁰. & 4⁰. *Paris*, An vii [1800].

Sonnini de Manoncourt (C. N. S.) Travels in Upper and Lower Egypt . . Translated from the French. *pp. xl, 730 [12] : 27 pls., 1 map.* 8⁰. *London*, 1800.

Sonnini de Manoncourt (C. N. S.) Histoire naturelle . . . des Poissons, *&c.* 13 Vol. *See* Buffon (G. L. L. de) *Count.* Histoire Naturelle . . Ouvrage . . . rédigé par C. S. Sonnini. [Suites.] 8⁰. An x [1802]—xii [1805].

Sonnini de Manoncourt (C. N. S.) *See* DICTIONARIES. Nouveau Dictionnaire d'Histoire Naturelle, *&c.* 24 Vol. 8⁰. 1803–04.

—— Nouvelle édition, *&c.* 36 Vol. 8⁰. 1816–19.

Sonnini de Manoncourt (C. N. S.) Histoire naturelle . . . des Cétacées [by Count B. G. E. de La V. Lacépède] . . . Avec des notes et additions. Par C. S. Sonnini. *See* BUFFON (G. L. L. DE) *Count.* Histoire Naturelle . . . Ouvrage . . . rédigé par C. S. Sonnini. [Suites.] 8⁰. An XII [1804].

Sonnini de Manoncourt (C. N. S.) Voyages dans l'Amérique méridionale, par . . . F. de Azara . . . Suivis de l'histoire naturelle des Oiseaux du Paraguay et de La Plata . . . traduite . . . et augmentée . . . de notes, par M. Sonnini. Vol. III, IV & Atlas. *See* AZARA (F. DE) 8⁰. & 4⁰. 1809.

Sonnini de Manoncourt (C. N. S.) Voyage aux Îles de Ténériffe, La Trinité, Saint-Thomas . . . pour faire des . . . collections relatives à l'histoire naturelle . . . par A. P. Ledru . . . Ouvrage accompagné de notes et d'additions, par M. Sonnini. 2 Tom. *See* LEDRU (A. P.) 8⁰. 1810.

Sonnini de Manoncourt (C. N. S.) Traité des Asclépiades, particulièrement de l'Asclépiade de Syrie ; précédé de quelques observations sur la culture du Coton en France. *pp. 146 : 2 pls. col.* 8⁰. *Paris*, 1810.

Sonnini de Manoncourt (C. N. S.) & **Latreille** (P. A.) Histoire naturelle des Reptiles, *&c.* 4 Tom. *illust. col.* *See* BUFFON (G. L. L. DE) *Count.* Histoire naturelle . . . classée . . . par R. R. Castel, *&c.* 18⁰. An X [1802].

—— Nouvelle édition. 4 Tom. *illust.* 18⁰. 1830.

SONNTAG (AUGUST) Notes and illustrations of an examination of the Volcano Popocatepetl and its vicinity. *See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. XI, art. 7. Observations on terrestrial Magnetism in Mexico . . with Notes, *&c.* Pt. II & Map. 4⁰. 1860.

SONNTAG (C. O.) A pocket Flora of Edinburgh and the surrounding district : a collection and full description of all Phanerogamic and the principal Cryptogamic Plants, *&c.* *pp. xii, 246 : 1 map.* 8⁰. *London & Edinburgh*, 1894.

SONNTAG (PAUL) Geologischer Führer durch die Danziger Gegend, *&c.* *pp. viii, 156 : text illust.* 8⁰. *Danzig*, 1910.

SONSINO (PROSPERO) Sugli Ematozoi come contributo alla fauna Entozoica Egiziana, *&c.* *pp. 12.* 8⁰. *Le Caire*, 1877.

Sonsino (P.) Studi sui parassiti di Molluschi di acqua dolce nei dintorni di Cairo in Egitto. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 8⁰. 1892.

SONTHEIMER (JOSEPH VON) Grosse Zusammenstellung über die Kräfte der bekannten einfachen Heil- und Nahrungsmittel . . . aus dem Arabischen übersezt von . . . J. v. Sontheimer, *&c.* 2 Bd. *See* 'ABD ALLĀH IBN AḤMAD (DHIYĀ AL-DĪN ABŪ MUḤAMMAD) *Al-Mālakī* called *Ibn Al-Baitār.* 8⁰. 1840–42.

Sontheimer (J. VON) Zusammengesetzte Heilmittel der Araber. Nach dem fünften Buch des Canons von Ebn Sina aus dem Arabischen übersetzt von Dr. Sontheimer. *See* ḤUSAIN IBN 'ABD ALLĀH (ABŪ 'ALĪ). 8⁰. 1845.

SONTHONNAX (L.) *See* ECHANGE, L' . . . Continué par L. Sonthonnax, *&c.* Ann. V—VII, no. 76. 8⁰. 1889–91.

SOPHIA, *Bulgaria.* *See* SOFIA.

SOPHIA, *H.M.S.* Journal of a voyage in Baffin's Bay and Barrow Straits, in 1850–51, *&c.* *See* SUTHERLAND (P. C.) 8⁰. 1852.

SOPHOCLES [B.C. 495–406] Flore poétique ancienne . . . ouvrage où l'on trouvera . . . l'explication botanique . . . de plusieurs . . . Plantes ou Fleurs mal connues de . . . Sophocle, *&c.* *See* DU MOLIN (J. B.) 8⁰. 1856.

SOPP (OLAV JOHAN OLSEN) Untersuchungen über Insekten-vertilgende Pilze bei den letzten Kiefernspinnerepidemien in Norwegen. *pp. 56 : 5 pls. (col.), text illust.* *See* CHRISTIANIA. — VIDENSKABS SELSKABET. Skrifter, *&c.* 1911, no. 2. 8⁰. 1911 (1912).

SOPPITT (HENRY THOMAS) [1858–1899] [Botany of Airedale.] *See* GRAY (JOHNNIE) [*pseud.*] Through Airedale, *&c.* 8⁰. 1891.

SOPWITH (THOMAS) [1803–1879] An account of the Mining districts of Alston Moor, Weardale, and Teesdale, in Cumberland and Durham, *&c.* *pp. viii, 183 : 1 map col., text illust.* 12⁰. *Alnwick*, 1833.

Sopwith (T.) Description of a series of Geological Models illustrating the nature of Stratification, *&c.* *pp. 84 : 12 pls., text illust.* 12⁰. *Newcastle-on-Tyne*, 1841.

—— [Another edition.] *pp. 82 : 6 pls.* 8⁰. *London*, 1875.

A set of the Models is in the Geological Department.

Sopwith (T.) Account of the Museum of Economic Geology, and Mining Records Office, *&c.* *pp. xii, 120 : 3 pls., text illust.* 8⁰. *London*, 1843.

SORALUCE Y ZUBIZARRETA (NICOLÁS DE) Introduccion, capítulo I. y otras descripciones de la memoria acerca del orígen y curso de las Pescas y Pesquerías de Ballenas y de Bacalaos así que sobre el descubrimiento de los bancos é isla de Terranova. *pp. 52.* 8⁰. *Vitoria*, 1878.

SORAUER (PAUL CARL MORITZ) [1839–] Handbuch der Pflanzenkrankheiten, *&c.* *pp. viii, 406 : 16 pls. (col.), text illust.* 8⁰. *Berlin*, 1874.

—— Zweite . . . Auflage. 2 Vol. *illust.* 8⁰. *Berlin*, 1886.

—— Dritte . . . Auflage, *&c.* Lief. I→ *illust.* 8⁰. *Berlin*, 1905→

Sorauer (P. C. M.) Atlas der Pflanzenkrankheiten. *pp. 43 : 48 pls. col.* 8⁰. & fol. *Berlin* [1887–93].

Sorauer (P. C. M.) Die Schäden der einheimischen Kulturpflanzen durch tierische und pflanzliche Schmarotzer sowie durch andere Einflüsse, *&c.* *pp. vii, 250.* 8⁰. *Berlin*, 1888.

Sorauer (P. C. M.) *See* ZEITSCHRIFT FUER PFLANZENKRANKHEITEN . . . herausgegeben von . . . P. Sorauer. Bd. I→ 8⁰. 1891→

Sorauer (P. C. M.) [Populäre Pflanzenphysiologie für Gärtner, *&c.* 8⁰. *Stuttgart*, 1891.]

Wanting.

A popular treatise on the Physiology of Plants for the use of gardeners . . . Translated [with a preface] by F. E. Weiss, *&c.* *pp. x, 256 : text illust.* 8⁰. *London*, 1895

Sorauer (P. C. M.) Schutz der Obstbäume gegen Krankheiten, *&c.* *pp. xvi, 238 : text illust.* 8⁰. *Stuttgart*, 1900.

Forming Bd. II of the "Schutz der Obstbäume gegen feindliche Tiere und gegen Krankheiten."

Sorauer (P. C. M.) Zeitschrift zur Pflege der internationalen Entwicklung des Pflanzenschutzes. Herausgegeben von . . . P. Sorauer. Jahrg. I.† *See* STUTTGART. —INTERNATIONALER PHYTOPATHOLOGISCHER DIENST. 8⁰. 1908.

Sorauer (P. C. M.) & **Frank** (A. B.) Pflanzenschutz, *&c.* *See* FRANK (A. B.) & SORAUER (P. C. M.) 8⁰. 1892.

SORBY (HENRY CLIFTON) [1826–1908] On the microscopical Structure of Crystals, indicating the origin of Minerals and Rocks. *pp. 48 : 4 pls.* 8⁰. *London*, 1858.

Quart. Journ. Geol. Soc. Vol. XIV.

Sorby (H. C.) Note on the Coral Rock of Funafuti. *See* ROYAL SOCIETY OF LONDON.—*Coral Reef Committee.* The Atoll of Funafuti, *&c.* 4⁰. 1904.

SORDELLI (FERDINANDO) Iconographie générale des Ophidiens, par . . . G. Jan (en collaboration avec . . . F. Sordelli). 5 Vol. *See* JAN (G.) 8⁰. & 4⁰. 1860–81.

Sordelli (F.) Flora fossilis insubrica. Studî sulla Vegetazione di Lombardia durante i tempi geologici. *pp. 298 [2] : 44 pls., text illust.* 8⁰. *Milano*, 1896.

SØRENSEN (HENRIK LAURITZ) Beretning om en Botanisk Reise i Omegnen af Fæmundsøen og i Trysil. *pp. 55.* 8⁰. *Christiania*, 1867.

SØRENSEN (WILLIAM EMIL) [1848–] Om Lydorganer hos Fiske. En physiologisk og comparativ-anatomisk Undersøgelse. *pp. [viii,] 245 : 4 pls.* 8⁰. *Kjøbenhavn*, 1884.

Academic Thesis.

Sørensen (W. E.) Om Forbeninger i Svømmeblæren, Pleura og Aortas Væg, og Sammensmeltning deraf med Hvirvelsøjlen særlig hos Siluroiderne, samt de saakaldte Weberske Knoglers Morfologi. (Sur les ossifications de la paroi de la vessie natatoire, de la plèvre et de l'aorte, et leur fusion avec la colonne vertébrale, surtout chez les Siluroïdes, et sur la morphologie des ossicles de Weber.) *pp. 88 : 3 pls. See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. VI, bd. VI, no. 2. 4⁰. 1890.

Sørensen (W. E.) [Gonyleptoidea from South America.] *See* HAMBURG.—NATURHISTORISCHES MUSEUM. Ergebnisse der Hamburger Magalhaensischen Sammelreise, *&c.* Lief. VI, no. 5. 8⁰. 1902.

Sørensen (W. E.) [Opiliones from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. III, Arachnoidea, no. 4. 4⁰. 1910.

Sørensen (W. E.) & **Hansen** (H. J.) The Tartarides, a tribe of the order Pedipalpi. *pp. 78 : 7 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. II, no. 8. 8⁰. 1905.

SORET (CHARLES) [1854–1904] Éléments de Cristallographie Physique. *pp. xx, 653 : 1 pl., text illust.* 8⁰. *Genève & Paris*, 1893.

SORHAGEN (LUDWIG) Die Kleinschmetterlinge der Mark Brandenburg und einiger angrenzenden Landschaften. Mit besonderer Berücksichtigung der Berliner Arten. *pp. x, 367.* 8⁰. *Berlin*, 1886.

SORIA Y MATA (ARTURO) Origen poliédrico de las Especies. Unidad, origen, reproducción y síntesis de las formas. *pp. 84 : 6 pls.* 8⁰. *Madrid*, 1894.

SORIGNET (L. A.) Oursins fossiles de deux arrondissements du département de l'Eure (Louviers et Andelys). *pp. iv, 83.* 8⁰. *Vernon*, 1850.

SÖRLING (GUSTAVUS ERICUS) Nova genera Plantarum . . . Pt. XVI . . . submittit G. E. Sörling, *&c.* *See* THUNBERG (C. P.) 4⁰. 1801.

SOROKĪN (A. Ī.) Gheologhīcheskiya nablyudeniya v myestnostī mezhdu ryekamī Ksanom ī Bol'shoĭ Liakhvoĭ ī v verkhov'yakh r. Kvīrīlui . . . 1877–1878 gh. Ghlava II. Gheologhīcheskoe stroenie dolīnui r. Ksana. [Geological observations in the district between the rivers Ksan and the Great Liakhva and at the sources of the river Kvirila . . . 1877–1878. Chap. II. Geological structure of the valley of the river Ksan.] *pp. 106 : 1 pl. See* TIFLIS. — UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE Ī ZA KAVKAZOM. Materialui dlya Gheologhiī Kavkaza. *S. Sīmonovīch & A. Sorokīn.* Gheologhīcheskoe opīsanie chasteĭ Ghoriĭskagho ī Dushetskagho uyezdov Tīflīsskoĭ ghuberniī, *&c.* Vuip. II. 8⁰. 1880.

Sorokīn (A. Ī.) & **Sīmonovīch** (S. E.) K Gheologhiī Kutaīsskoĭ ghuberniī. [On the Geology of the Kutais government.] 4 Pt. *illust. See* TIFLIS.—UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE Ī ZA KAVKAZOM. Materialui dlya Gheologhiī Kavkaza. Īzslyedovaniya, 1879–1883, 1879–1882, & Ser. II, knigha II, vuip. 1. 8⁰. 1885–87.

Sorokīn (A. Ī.) & **Sīmonovīch** (S. E.) K Gheologhiī Tīflīsskoĭ ghuberniī. Kratkiĭ ocherk Gheologhīcheskīkh yavleniĭ v Akhaltzuikhskom Tretīchnom basseĭnye. [On the Geology of the Tiflis government. A short sketch of the Geological phenomena of the Akhaltzuikh Tertiary basin.] *pp. 29. See* TIFLIS. — UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE Ī ZA KAVKAZOM. Materialui dlya Gheologhiī Kavkaza. Īzslyedovaniya, 1879–1882. 8⁰. 1886.

Sorokīn (A. Ī.) & **Sīmonovīch** (S. E.) Carte Géologique d'une partie du gouvernement de Koutaïs (Gheologhīcheskaya Karta chastī Kutaīsskoĭ ghuberniī), *&c.* Échelle (Masshtab) 1 : 210,000 [*i.e.* 1 in. = 3¼ m. about]. *See* KOUTAÏS. [*Maps.*] 2 sh. *col.* 1887.

Sorokīn (A. Ī.) & **others.** Gheologhīcheskoe opīsanie chasteĭ Kutaīsskagho, Lechkhumskagho, Senakskagho ī Zughdīdskagho uyezdov Kutaīsskoĭ ghuberniī īzslyedovannuikh v 1874 ghodu. [Geological description of parts of the Kutais, Lechkhum, Senaks and Zughdid districts of the Kutais government explored in 1874.] *pp. 191 : 10 pls., 1 map geol. col. See* TIFLIS.—UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE Ī ZA KAVKAZOM. Materialui dlya Gheologhiī Kavkaza. 1874. 8⁰. & 4⁰. 1875.

Sorokīn (A. Ī.) & **others.** Gheologhīcheskoe opīsanie Pyatīghorskagho kraya īzslyedovannagho v 1875 ghodu. [Geological description of the Pyatighorsk country explored in 1875.] *pp. [iii,] 112, 1 tab.* Atlas, *7 pls., 1 map col. See* TIFLIS. — UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE Ī ZA KAVKAZOM. Materialui dlya Gheologhiī Kavkaza. 1875. 8⁰. & 4⁰. 1876.

SOROKIN (BASILIUS) *See* SOROKĪN (V. Ī.)

SOROKĪN (NĪKOLAĬ VASĪL'EVĪCH)

Īstoriya razvītiya [History of the development of] *Helicostylum muscæ*, sp. nov. *pp. 7 : 1 pl.*

Orghanui razmnozheniya [On the reproductive organs of] *Erysiphe. pp. 24 : 4 pls.*

See KHARKOV.—OBSHCHESTVO ĪSPUITATELEĬ PRĪRODUI, *&c.* Trudui, *&c.* Tom. I, no. 2 & 3. 4⁰. 1870.

Sorokīn (N. V.) Mīkologhīcheskie ocherkī. [Mycological report—on parasitic Fungi.] *pp. 48 : 4 pls. See* KHARKOV.—OBSHCHESTVO ĪSPUITATELEĬ PRĪRODUI, *&c.* Trudui, *&c.* Tom. III, no. 3. 4⁰. 1871.

Sorokīn (N. V.) O vliyaniĭ svyeta na Ghrībui. Predvarītel'noe soobshchenie. [On the action of light on Fungi. Preliminary communication.] *pp. 11. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1872–73. [Appendix No. 6.] 8⁰. 1872 (1873).

Sorokīn (N. V.)
O tak nazuivaemuikh ghonīdiyakh Līshaĭnīkov *Imbricaria conspersa* ī *Physcia parietina.* [On the so-called gonidial Lichens *I. conspersa* and *P. parietina.*] *pp. 10 : 1 pl. col.*
Zamyetka o razvītiī cheskuek *Eleagnus pungens.* [On the development of the scales of *E. pungens.*] *pp. 16 : 1 pl. (col.)*
Mīkologhīcheskiya īzslyedovaniya. [Mycological investigations.] *pp. [vi,] 50 : 5 pls.*
See KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. II. [Pt. 2.] 4⁰. 1872 (1873).

Sorokīn (N. V.) Puteshestvie k Voghulam. Otchet predstavlennuiĭ otdyelu Antropologhiī ī Étnoghrafiī prī Kazanskom Obshchestvye Estestvoīspuitateleĭ. [Expedition in the Voghuls. Report of the sections of Anthropology and Ethnography to the Society of Naturalists of Kazan.] *pp. 59 : 8 pls., 1 map. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. III. [No. 4.] 4⁰. 1873.

Sorokīn (N. V.) Obozryenie ghruppui Siphomycetes [*sic*]. [Review of the group Siphonomycetes.] *pp. 26 : 2 pls. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. IV. [No. 3.] 4⁰. 1874.

Sorokīn (N. V.) Materialui dlya Florui Urala, *&c.* [Contributions to the Flora of the Urals, *&c.*] *pp. 28. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. V. [No. 6.] 8⁰. 1876.

Sorokīn (N. V.) Obozryenie ghruppui Syphomycetes [*sic*]. (Predvarītel'noe soobshchenie.) [Review of the group Siphonomycetes. (Preliminary communication.)] *pp. 5. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1873–74. Prīlozheniya. [Appendix No. 7.] 8⁰. 1876.

Sorokīn (N. V.) Konīdiī u [The conidia of] *Aptanomyces stellatus. pp. 2. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1874–75. Prīlozheniya. [Appendix No. 11.] 8⁰. 1876.

Sorokīn (N. V.)
Īstoriya razvītiya [History of the development of] *Scleroderma verrucosum.*
Zamyetka o razvītiī [Observations on the development of] *Chætomium pannosum. pp. 11.*
See KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1875–76. [Appendix No. 14 & 15.] 8⁰. 1876.

Sorokīn (N. V.) Materialui dlya Florui Sredneĭ Aziī. [Contributions to the Flora of Central Asia.] *pp. 48 : 5 pls.* 8⁰. [*Moscow*, 1884.]
Bull. Soc. imp. Nats. Moscou. 1884.

Sorokīn (N. V.) O nyekotoruikh bolyeznyakh kul'turnuikh Rasteniĭ Yuzhno-Ussuriĭskagho kraya, Prīmorskoĭ oblastī.—Ueber einige Krankheiten der Kulturpflanzen im Süd-Ussurischen Gebiet. *pp. 32 : 1 pl. col. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXII. [No. 3.] 8⁰. 1890.

Sorokīn (N. V.) Mīkologhīcheskiya zamyetkī, *&c.*—Notes Mycologiques. I. Développement du *Polyascus tener* (gen. et spec. nov.). II. Note sur le genre *Trichaster. pp. 19 : 2 pls.* [RUSS., with FR. resumé.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya No. 196. 8⁰. 1901 (1902).

Sorokīn (N. V.) & **Bush** (N. A.) Materialui k mīkologhīcheskoĭ Florye Yuzhno-Ussuriĭskagho kraya.—Materialien zur Pilzflora des Süd-Ussuri-Gebiet. *pp. 13. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXIV. [No. 5.] 8⁰. 1892.

SOROKĪN (VASĪLIĬ ĪVANOVĪCH) [1848–] Sposobui opredyeleniya Sakharīstuikh veshchestv v Rasteniyakh.—Methode zur Bestimmung der Zuckerarten in den Pflanzen. *pp. 29. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXII. [No. 1.] 8⁰. 1889.

Sorokīn (V. Ī.) Materialui k fīzīko-khīmīcheskomu Īzucheniyu pochv Kazanskoĭ ghuberniī. II. Khīmīcheskiĭ sostav Sughlīnīstuikh pochv Kazanskoĭ ghuberniī.—Materialien zur chemisch-physicalischen Kenntniss der Bodenarten des Gouv. Kasan. II. Die chemische Zusammensetzung der Lehmböden des Gouv. Kasan. *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXVIII, vuip. 6. 8⁰. 1895.
For No. 1, *See* SMĪRENSKIĬ in op. cit. XXV, vuip. 5.

SORRENTINO (IGNAZIO) Istoria del Monte Vesuvio divisata in due libri, *&c.* *pp. [xiv,] 224 [4].* 4⁰. *Napoli*, 1734.

SORRENTO (JÉRÔME MEROLLA DA) *See* MEROLLA (J.)

SOSNOVSKIĬ (ĪVAN KASPEROVĪCH) Ob otnosheniī yadra k klyetochnomu tyelu u Protozoa. [On the relation of the nucleus to the cellular substance in the Protozoa.] *pp. 47 . 1 pl. col. See* WARSAW.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui . . . otdyelenie Biologhiī. Ghod. IX. 8⁰. 1898.

SOSSYUR (GH. DE) *See* SAUSSURE (H. DE).

SOTO (FERNANDO DE) [*c.* 1500–1542] Reise nach Florida (der Provinz Apalache), *&c.* (1537–43.) *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. XVI. 4⁰. 1758.

Soto (F. DE) The discovery and conquest of Terra Florida, by . . . Ferdinando de Soto, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 9. 8⁰. 1851.

SOTZMANN (D. FR.) [Natürliche Abbildungen der merkwürdigen Insecten, *&c.*] *See* HERBST (J. F. W.) Kurze Einleitung zur Kenntniss der Insekten, *&c.* [To which work it forms the Atlas of Plates.] 8⁰. 1784–87.

SOUANCÉ (CHARLES DE) Iconographie des Perroquets non figurés dans les publications de Levaillant et de M. Bourjot Saint-Hilaire, par M. C. de Souancé, avec la coopération de . . . prince Bonaparte et de M. E. Blanchard. Histoire naturelle des Perroquets. [With an introduction by A. Moquin-Tandon.] *48 pls. col., with descriptive letterpress.* fol. *Paris*, 1857.

SOUBEIRAN (A.) Bassin Houiller du Pas-de-Calais. Échelle de 1 : 40,000 [*i.e.* 1 m. = 1½ in. about]. *See* FRANCE.—*Service des Topographies Souterraines.* [*Maps.*] 3 sh. 1897.

SOUBEIRAN (JEAN LÉON) [1827–1892] Études micrographiques sur quelques Fécules. Thèse, *&c.* *pp. 59 : 2 pls.* 8⁰. *Paris*, 1853.

Soubeiran (J. L.) De la Vipère, de son venin et de sa morsure, *&c. pp. 156 : text illust.* 8⁰. *Paris*, 1855.

Soubeiran (J. L.) Des applications de la Botanique à la Pharmacie. Thèse, *&c. pp. 88.* 8⁰. *Paris*, 1855.

Soubeiran (J. L.) Essai sur la matière organisée des sources Sulfureuses des Pyrénées, *&c. pp. 76 : 2 pls.* 8⁰. *Paris*, 1858.

Soubeiran (J. L.) Études sur l'incubation artificielle. *pp. 17.* 8⁰. (*Angers*,) [1862.]
Ann. Soc. Linn. Maine & Loire. Tom. v.

Soubeiran (J. L.) Curiosités de l'Alimentation . . . Conférence faite à l'École de Pharmacie . . . 1870. *pp. 23.* 8⁰. *Paris*, 1871.
Bull. Soc. Acclimat. Paris. Sér. II, tom. VII, 1870.

Soubeiran (J. L.) Rapport sur les Expositions Internationales de Pêche de Boulogne-sur-Mer, Arcachon et du Havre (1866–68). *pp. 187.* 8⁰. *Paris*, 1871.
Bull. Soc. Acclimat. Paris. Sér. II, tom. VIII.

Soubeiran (J. L.) La Pisciculture et la Pêche en Chine . . . précédé d'une introduction sur la Pisciculture chez les divers peuples, par . . . J. L. Soubeiran. *See* DABRY DE THIERSANT (P.) fol. 1872.

Soubeiran (J. L.) Dictionnaire de Botanique, par M. H. Baillon, avec la collaboration de . . . L. Soubeiran, *&c.* 4 Tom. *See* BAILLON (H. E.) 4⁰. 1876–92.

Soubeiran (J. L.) L'École du Pharmacien. Traité de Botanique élémentaire, *&c. pp. xi, 498 : text illust.* 8⁰. *Paris*, 1878.

Soubeiran (J. L.) & **Delondre** (A.) De l'introduction et de l'acclimatation des Cinchonas dans les Indes Néerlandaises et dans les Indes Britanniques. *pp. 165.* 8⁰. *Paris*, 1868.

SOUCHÉ (BAPTISTE) Flore du Haut Poitou, ou analyse des familles, des genres, des espèces et description des Plantes qui croissent spontanément, ou qui sont l'objet d'une culture en grand, dans les départements des Deux-Sèvres et de la Vienne. *pp. xl, 332.* 8⁰. *Niort*, 1894.

SOUCHU DE RENNEFORT (URBAIN) *See* RENNEFORT (U. S. DE).

SOUDAN. *See* SUDAN.

SOUHART (R.) [1847–] Bibliographie générale des ouvrages sur la Chasse, la Vénerie & la Fauconnerie publiés ou composés depuis le XVᵉ siècle jusqu'à ce jour, *&c. pp. vii, coll. 750 [pp. 3].* 8⁰. *Paris*, 1886.
Printed in double column.

SOUKUP (JOSEF JAROSLAV) Porfyrovitý Augitický Diorit od Hučic u Březnice. [Porphyritic Augite-diorite from Hučitz near Březnitz.] *pp. 11. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1897, no. 29. 8⁰. 1898.

SOULEYET (FRANÇOIS LOUIS AUGUSTE) [1811–1852] & **Eydoux** (J. F. T.) *See* FRANCE. [*Voyages, &c.—Bonite.*] Voyage autour du monde exécuté pendant . . . 1836–37 sur . . . la Bonite . . . Zoologie. Par MM. Eydoux et Souleyet. 2 Tom. & Atlas. 8⁰. [1841–52.]

Souleyet (F. L. A.) & **Eydoux** (J. F. T.) List of Mollusca and Shells in the . . . British Museum, collected and described . . . in the "Voyage autour du monde," *&c. See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Mollusca.*] 12⁰. 1855.

Souleyet (F. L. A.) & **Rang** (P. K. S. L.) Histoire naturelle des Mollusques Ptéropodes. Monographie, *&c. See* RANG (P. K. S. L.) & SOULEYET (F. L. A.) 4⁰. 1852.

Souleyet (F. L. A.) & **Rang** (P. K. S. L.) List of Mollusca and Shells in the . . . British Museum, collected and described . . . in the "Histoire naturelle des Mollusques Ptéropodes," *&c. See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Mollusca.*] 12⁰. 1855.

SOULIER (ALBERT) Études sur quelques points de l'anatomie des Annélides Tubicoles de la région de Cette, *&c. pp. 310 : 10 pls. (col.) See* MONTPELLIER.—UNIVERSITÉ.—*Institut de Zoologie.* Travaux, *&c.* Sér. II, no. 2. 8⁰. 1891.

Soulier (A.) Les premiers stades embryologiques de la Serpule. *pp. 78 [1] : 4 pls. See* MONTPELLIER.—UNIVERSITÉ.—*Institut de Zoologie.* Travaux, *&c.* Sér. II, no. 9. 8⁰. 1902.

Soulier (A.) Revision des Annélides de la région de Cette. 3 Fasc. *See* MONTPELLIER.—UNIVERSITÉ.—*Institut de Zoologie.* Travaux, *&c.* Sér. II, no. 10, 13, 14. 8⁰. 1902–04.

SOUM (J. M.) Recherches physiologiques sur l'appareil respiratoire des Oiseaux. *pp. 126 : text illust. See* LYONS.—UNIVERSITÉ. Annales de l'Université, *&c.* [Tom. XXVIII.] 8⁰. 1896.

SOURBETS (G.) & **Saint-Marc** (C. DE) Précis de Fauconnerie, contenant les indications nécessaires pour affaiter et gouverner les principaux Oiseaux de vol, suivi de l'éducation du Cormoran, *&c. pp. 123 : 4 pls.* 8⁰. *Niort*, 1887.

SOUSA (JOSÉ AUGUSTO DE) [–1889] Catalogo das Collecções Ornithologicas. [Compiled by J. A. de Sousa.] 2 Pt. *See* LISBON.—*Museu Nacional.* 8⁰. 1869–73.

Sousa (J. A. DE) [Birds of Africa.] *See* CAPELLO (H. C. DE B.) & IVENS (R.) De Angola á contra-costa, *&c.* Vol. II, Appendix. 8⁰. 1886.

SOUTH (JOHN FLINT) [1797–1882] Zoology. [General Physiology & Anatomy, and Vertebrata.] *See* ENCYCLOPÆDIAS. Encyclopædia Metropolitana, *&c.* Vol. VII & XV–XXV. 4⁰. [1817–] 1845.

SOUTH (RICHARD) [1846–] 'The Entomologist' synonymic List of British Lepidoptera, *&c. pp. vi, 40.* 8⁰. *London*, 1884.
Printed in treble column.
For an alphabetical table by J. T. Carrington showing changes of nomenclature from Doubleday's List, *See* ENTOMOLOGIST. Vol. XVII, 1884, *pp. 289–304.*

South (R.) *See* ENTOMOLOGIST, *The* . . . Edited by R. South, *&c.* Vol. XXIII→ 8⁰. 1890→

South (R.) The Butterflies of the British Isles, *&c. pp. x, 204 : 127 pls. (col.), text illust.* 8⁰. *London & New York*, 1906.

South (R.) The Moths of the British Isles . . . First Series, comprising the families Sphingidæ to Noctuidæ, *&c. pp. vi, 343 : 159 pls. (col.) back to back, text illust.* 8⁰. *London & New York*, 1907.

—— Second Series, comprising the families Noctuidæ to Hepialidæ, *&c. pp. vi, 376 : 159 pls. (col.) back to back, text illust.* 8⁰. *London & New York*, 1908.

SOUTH AFRICA. *See* AFRICA.

SOUTH AFRICA, *Union of.*—DEPARTMENT OF AGRICULTURE.
The Agricultural Journal of the Union, *&c.* Vol. I→ *illust.* 8⁰. *Pretoria*, 1911→

SOUTH AFRICA, *Union of.*—GEOLOGICAL SURVEY. [Formerly *Geological Survey of the Transvaal.*]
Memoir No. 6→ 8⁰. *Pretoria*, 1912→

SOUTH AFRICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.
Report, *&c.* 1903–1908. 5 Vol. *illust.*
8⁰. *Cape Town*, [1903–] 1909.
[*Continued as :*]
The South African Journal of Science : being the organ of the . . . Association . . . Issued monthly. Vol. VI→
8⁰. *Cape Town*, 1909→

South African Association for the Advancement of Science.
Addresses and Papers read at the joint meeting of the British and South African Associations . . . held in South Africa, 1905, *&c.* 4 Vol. *illust.*
8⁰. *Johannesburg* [1907].

SOUTH AFRICAN INSTITUTION.
See SOUTH AFRICAN LITERARY AND SCIENTIFIC INSTITUTION.

SOUTH AFRICAN JOURNAL OF SCIENCE, The, *&c.* Vol. VI→ *See* SOUTH AFRICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. 8⁰. 1909→

SOUTH AFRICAN LITERARY AND SCIENTIFIC INSTITUTION.
[1829 Founded as *South African Institution.*
1832? *South African Literary & Scientific Institution.*]
The South African Quarterly Journal . . . Edited at the . . . Institution. Vol. I & II.†
8⁰. *Cape Town & London*, 1830–35.
Wanting the title-page and index to Vol. I (= 4 No.): also Pt. 5 of the first series, the contents of which are given at the end of Vol. II.
Vol. II, termed "Second Series," is in four numbers, some of which are subdivided into parts.

SOUTH AFRICAN MUSEUM.
See CAPE TOWN.

SOUTH AFRICAN ORNITHOLOGISTS' UNION. [Founded 1904.]
The Journal, *&c.* Vol. I→ *illust.* (*col.*)
8⁰. *Pretoria & London*, 1905→

SOUTH AFRICAN PHILOSOPHICAL SOCIETY. *See* ROYAL SOCIETY OF SOUTH AFRICA.

SOUTH AFRICAN QUARTERLY JOURNAL, The.
See SOUTH AFRICAN LITERARY & SCIENTIFIC INSTITUTION.

SOUTH AFRICAN REPUBLIC. *See* TRANSVAAL.

SOUTH AUSTRALIA. Geological Notes, by A. R. C. Selwyn . . . of a Journey in South Australia from Cape Jervis to Mount Serle. *pp. 15 : 5 pls., 1 map geol. col.* 4⁰. [*Adelaide*, 1859.]

South Australia. Preliminary Report, by R. C. Selwyn, of a Geological Survey of portions of South Australia. *1 p.* 4⁰. [*Adelaide*, 1859.]

South Australia. Mr. Goyder's report on northern triangulation . . . and Well-Sinking in the Far North. *pp. 6.* 4⁰. [*Adelaide*,] 1860.

South Australia. Report . . . journal, and notes of E. H. Hargraves during his examination of South Australia for the purpose of the discovery of a workable gold-field, with notes of a passage from Sydney, New South Wales. *pp. 21 : 1 map.* 4⁰. *Adelaide*, 1864.

South Australia. Report on Echunga Gold field. (By G. W. Goyder.) *1 p.* 4⁰. *Adelaide*, 1867.

South Australia. Mineral Resources . . . of the country lying within 250 miles north of Port Augusta. (By G. H. F. Ulrich.) *pp. 23 : 10 pls., 1 text illust.* 4⁰. [*Adelaide*, 1872.]

South Australia. Mr. E. Giles's . . . Diary of Explorations . . . in Central Australia . . . 1872. *pp. 32.* 4⁰. [*Adelaide*, 1873?]

South Australia. W. C. Gosse's . . . Report and Diary of . . . Central and Western Exploring Expedition, 1873. *pp. 20.* 4⁰. [*Adelaide*, 1874.]

South Australia. Journal of Mr. Lewis's Lake Eyre Expedition, 1874–5. *pp. 42.* 4⁰. [*Adelaide*, 1875.]

South Australia. Report on the Lake Eyre Expedition. (By J. W. Lewis.) *pp. 3 : 1 map.* 4⁰. [*Adelaide*, 1875.]

South Australia. The folklore, manners, customs and languages of the South Australian Aborigines: gathered from inquiries made by authority of South Australian Government. Edited by . . . G. Taplin . . . First Series. *pp. viii, 174 : 17 pls.* 8⁰. *Adelaide*, 1879.

South Australia. Examination of country north-east of Eucla . . . Report and Journal . . . by J. W. Jones. *pp. 9 : 1 map.* 4⁰. [*Adelaide*, 1880.]

South Australia. Report on . . . examination of country for extension of Government Gums Railway. [By D. B. Bain.] *pp. 4.* 4⁰. [*Adelaide*, 1881.]

South Australia. Herbert River and North-eastern Exploring Expedition . . . Plan and Report of Mr. [C.] Winnecke's Exploration from Alice Springs to the Herbert River and Tennant's Creek. *pp. 34 : 1 map.* 4⁰. [*Adelaide*, 1882.]

South Australia. Water Supply of the Interior. Report on locality and water supply of travelling routes to the Interior, by the Deputy Surveyor-General (. . . J. W. Jones). *pp. 12.* 4⁰. [*Adelaide*, 1882.]

South Australia. Water conservation and development. (By G. W. Goyder.) *pp. 7.* 4⁰. [*Adelaide*, 1883.]

South Australia. Notes on the Echunga Goldfields. By H. Y. L. Brown, *&c.* *pp. 6 : 1 map geol. col.* 4⁰. *Adelaide*, 1885.

South Australia. South Australia. Catalogue of the mineral exhibits from the province, *&c.* *See* LONDON. —*International Exhibition of Mining and Metallurgy, 1890.* 8⁰. 1890.

—— [Second edition.] 8⁰. 1890.

South Australia. Journal of the Central Australian Exploring Expedition, 1889, under command of W. H. Tietkens . . . With . . . list of Botanical specimens, described by Baron Sir F. von Müller . . . and . . . R. Tate . . . also catalogue of Geological specimens, described by H. Y. L. Brown . . . with Geological sketch of the country passed over. *pp. 84 : 2 maps* (*geol. col.*) 8⁰. *Adelaide*, 1891.

South Australia. Journal of the Elder scientific Exploring Expedition, 1891–2. Under command of D. Lindsay, *&c.* *pp. 207 : 2 maps* (*1 geol. col.*) 8⁰. *Adelaide*, 1893.

South Australia. The province of South Australia, written for the . . . Government by J. D. Woods ; with a sketch of the Northern Territory, by H. D. Wilson. *pp. 446.* 8⁰. *Adelaide*, 1894.

South Australia. Journal, etc., of the Horn scientific Exploring Expedition to Central Australia . . . by C. Winnecke, *&c.* *pp. 32 : 14 pls., 3 maps.* 4⁰. *Adelaide*, 1896.

South Australia. Journal of the Horn scientific Exploring Expedition, 1894, by C. Winnecke . . . With . . . report of the physical Geography of Central Australia, by . . . R. Tate and J. A. Watt. *pp. 86, 1 tab. : 23 pls., 3 maps.* 8⁰. *Adelaide*, 1897.

South Australia. The Year-Book of South Australia. 1898 (-- 1899) . . . Compiled by the Editor of the Year-Book of Australia, *&c.* 2 Vol. 8⁰. [*London* ? 1898, 99.]

South Australia. Prospecting expedition north of Nullarbor Plains. Report of . . . F. R. George, *&c.* *pp. 4 : 1 map.* 4⁰. [*Adelaide*, 1905.]

SOUTH AUSTRALIA.—DEPARTMENT OF AGRICULTURE.
Rust in Wheat Conference. Third Session, 1892 . . . Report of the proceedings, *&c.* *pp. 74 : 3 diags.* 4⁰. *Adelaide*, 1892.

For Report of the Second Session, *See* NEW SOUTH WALES.—*Department of Agriculture & Forests.*

SOUTH AUSTRALIA.—DEPARTMENT OF MINES.
Handbook of Mining, *&c.* *pp. 16 : 3 pls., 5 maps (col.)* 8⁰. *Adelaide*, 1901.

South Australia.—DEPARTMENT OF MINES.
A (short) review of Mining operations in . . South Australia during the half year [or year], *&c.* No. 1→ 8⁰. *Adelaide*, 1904→

South Australia.—DEPARTMENT OF MINES.
The occurrence of Uranium (Radio-Active) Ores and other rare Metals and Minerals in South Australia . . . Reports . . . Compiled by L. C. E. Gee . . . under the authority of the . . . Minister of Mines. *pp. 12 : 4 pls., 1 map, 1 text illust.* 8⁰. *Adelaide*, 1911.

Contains :—" Reports by H. Y. L. Brown . . . H. L. Hancock . . . Extracts from report by . . D. Mawson . . . Summaries of reports by S. Radcliff . . . and E. C. Johnson," *&c.*

SOUTH AUSTRALIA.—GEOLOGICAL SURVEY.
Bulletin No. 1→ 8⁰. *Adelaide*, 1912→

Each number contains a separately-paged paper.

South Australia.—GEOLOGICAL SURVEY.
Report No. 1→ 8⁰. *Adelaide*, 1912→

Each number contains a separately-paged paper.

South Australia.—GEOLOGICAL SURVEY.
(First) Annual Report of the Government Geologist (H. Y. L. Brown) . . . December . . . 1882, to December . . . 1883. *pp. 20 : 8 pls., 1 plan geol. col., 1 map geol. col.* 8⁰. *Adelaide*, 1884.

Contains, *inter alia* :—
Lists of Minerals found in South Australia . . . compiled by . . . G. Goyder, Jun., *&c.*

—— —— for year ended June 30th, 1894. *pp. 26 : 4 pls., 5 maps geol. col.* 4⁰. *Adelaide*, 1894.

Contains, *inter alia* :—
Official Contributions to the Palæontology of South Australia. No. 6 & 7. By R. Etheridge, Junr. [*g.v.*]

South Australia.—GEOLOGICAL SURVEY.
Report of Government Geologist [on the Geology of the neighbourhood of Flinders Range]. *pp. 5 : 3 pls. col., 1 map col.* 4⁰. *Adelaide*, 1883.

South Australia.—GEOLOGICAL SURVEY.
Reports on Geology of country east of Farina, and northward to Lat. 23° 10′. (By H. P. Woodward.) *pp. 5 : 1 map.* 4⁰. [*Adelaide*, 1885.]

South Australia.—GEOLOGICAL SURVEY.
Report on the Geological character of country passed over from Port Augusta to Eucla. By H. Y. L. Brown. *pp. 7 : 1 map geol. col.* 4⁰. *Adelaide*, 1885.

South Australia.—GEOLOGICAL SURVEY.
Report on the Geological character of Barossa and Para Wirra. By H. Y. L. Brown. *pp. 5 : 1 map geol. col.* 4⁰. *Adelaide*, 1886.

South Australia.—GEOLOGICAL SURVEY.
Notes on Geological Map of Gumeracha and Mount Crawford Goldfields. By H. P. Woodward, *&c.* *pp. 4 : 1 map geol. col.* 4⁰. *Adelaide*, 1887.

The map is entitled :—" Geological Map of the eastern reserved portion of the hundred of Para Wirra, known as the Mount Crawford and Gumeracha diggings, and reserved sections in the north of Talunga. Scale 2 in. to 1 m."

South Australia.—GEOLOGICAL SURVEY.
[A Record of the Mines of South Australia, *&c.* 8⁰. *Adelaide*, 1887.]

Wanting.

—— [Second edition.] Prepared . . . by H. Y. L. Brown . . . Government Geologist. Specially . . . for the Mining Exhibition. *pp. x, 138, 1 tab. : 1 map.* 8⁰. *Adelaide*, 1890.

A third edition was issued in May 1899.

—— Supplementary issue, *&c.* (Supplementary Mining records . . . by the Government Geologist . . . and other Departmental reports. Compiled and edited by L. C. E. Gee.) *pp. iv, 100.* 8⁰. *Adelaide*, 1905.

—— Fourth edition, *&c.* *pp.* [*ii*,] *382, 1 tab. : 1 map (col.)* 8⁰. *Adelaide*, 1908.

South Australia.—GEOLOGICAL SURVEY.
Report on the Ulooloo Goldfield. By H. Y. L. Brown. *pp. 2 : 1 map geol. col.* 4⁰. *Adelaide*, 1887.

South Australia.—GEOLOGICAL SURVEY.
Geological Map of the Tertiary deposits of the hundred of Barossa, with explanatory notes, by H. Y. L. Brown. *pp. 4 : 1 map geol. col.* 4⁰. *Adelaide*, 1889.

South Australia.—GEOLOGICAL SURVEY.
Report on a journey from Adelaide to Hale River, by H. Y. L. Brown. *pp. 7 : 1 pl., 1 map.* 4⁰. *Adelaide*, 1889.

South Australia.—GEOLOGICAL SURVEY.
Report of Geological examination of country in the neighborhood of Alice Springs, by H. Y. L. Brown. *pp. 8 : 1 map (col.)* 4⁰. *Adelaide*, 1890.

South Australia.—GEOLOGICAL SURVEY.
Report on journey from Warrina to Musgrave Ranges. By H. Y. L. Brown. *pp. 6 : 1 pl., 1 map.* 4⁰. *Adelaide*, 1890.

South Australia.—GEOLOGICAL SURVEY.
Reports on Coal-bearing area in neighborhood of Leigh's Creek, by . . H. Y. L. Brown, Government Geologist. *pp. 14 : 4 pls. (col.), 1 map geol. col.* 4⁰. *Adelaide*, 1891.

Contains also :—
1. Description of some South Australian Silurian and Mesozoic Fossils, by R. Etheridge, Junr.
2. On the occurrence of an *Orthis* allied to *O. Actoniæ*, J. De C. Sby., and *O. flabellulum*, J. De C. Sby., in the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

These are reckoned as No. 1 & 2 of "Official Contributions to the Palæontology of South Australia."

South Australia.—GEOLOGICAL SURVEY.
Further Geological examination of Leigh's Creek and Hergott districts ; also, Report upon a shale deposit in the Encounter Bay district, by the Government Geologist [H. Y. L. Brown], *&c.* *pp. 14 : 2 pls., 1 map geol. col.* 4⁰. *Adelaide*, 1892.

Contains also the following :—
1. On the occurrence of the genus *Phyllopteris* (Brong.), Saporta, (? *Angiopteridium*, Schimper) in the Mesozoic beds of Central Australia. By R. Etheridge, Junr.
2. On a species of *Asaphus* from the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

These are reckoned as "Official Contributions to the Palæontology of South Australia," No. 3 & 4.

South Australia.—GEOLOGICAL SURVEY.
Report on country in the neighborhood of Lake Eyre, by . . . H. Y. L. Brown. *pp. 5 : 2 pls., 1 map.*
4⁰. *Adelaide*, 1892.

South Australia.—GEOLOGICAL SURVEY.
Catalogue of South Australian Minerals, with the mines and other localities where found ; and brief remarks on the mode of occurrence of some of the principal Metals and Ores. By H. Y. L. Brown, *&c. pp. 34.*
8⁰. *Adelaide*, 1893.

South Australia.—GEOLOGICAL SURVEY.
Official Contributions to the Palæontology of South Australia. No. 5. Additional Silurian and Mesozoic Fossils from Central Australia. By R. Etheridge. *pp. 8 : 1 pl.* 4⁰. *Adelaide*, 1893.
"The above is published as a Supplement to Mr. Etheridge's previous Official Papers on South Australian Lower Silurian and Mesozoic Fossils, which have been published with the Reports of this Department on the Leigh's Creek and Hergott districts."
For "Official Contributions," *&c.*, No. 6 & 7, *See* supra, Annual Report of the Government Geologist for the year ended 30th June, 1894.

South Australia.—GEOLOGICAL SURVEY.
Reports on Arltunga Gold Field and Hart's Range Mica Field ; and Explorations north-east of Hart's Range, north-west of Alice Springs, and of the Frew River Country . . . By H. Y. L. Brown, Government Geologist, *&c. pp. 16 : 2 pls. (1 col.), 4 maps geol. col.*
4⁰. *Adelaide*, 1897.
Contains also :—
Official Contributions to the Palæontology of South Australia. By R. Etheridge.
No. 9. On the occurrence of *Olenellus* in the Northern Territory.
,, 10. The Permo-Carboniferous Fossils of Treachery Bay, Victoria River.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : The Balhannah Mine, *&c. pp. 12 : 3 plans (geol. col.)*
8⁰. *Adelaide*, 1898.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : The Mannahill Goldfield, *&c. pp. 11 : 2 plans, 1 map col.*
8⁰. *Adelaide*, 1898.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : The Wadnaminga Goldfield . . . by H. Y. L. Brown. *pp. 12 : 9 pls., 3 maps geol. col.* 8⁰. *Adelaide*, 1898.

South Australia.—GEOLOGICAL SURVEY.
Report on explorations in western part of South Australia, by H. Y. L. Brown, Government Geologist, *&c. pp. 7 : 2 pls. (1 col.), 1 map geol. col.* 4⁰. *Adelaide*, 1898.
Contains also :—
Official Contributions to the Palæontology of South Australia. By R. Etheridge, Junr. No. 11. Plant Remains from the South Australian and Queensland border, approximate lat. 25° 55′ S., long. 139° 25′ E.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : Report on the Gold discovery at Tarcoola, the Enterprise Mine, the Earea Dam Tin find and the Mount Gunson Copper Mine . . . by H. Y. L. Brown. *pp. 7 : 1 plan.*
8⁰. *Adelaide*, 1900.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : Report on Geological exploration of the Tarcoola District . . . by H. Y. L. Brown. *pp. 7 : 1 map geol. col.*
8⁰. *Adelaide*, 1901.

South Australia.—GEOLOGICAL SURVEY.
[Official] Contributions (No. 12 and 13) to the Palæontology of South Australia. By R. Etheridge, Jun. *pp. 4 : 2 pls.* 4⁰. *Adelaide*, 1902.
No. 12. More complete evidence of *Thinnfeldia odontopteroides*, Morris, in the Leigh Creek Coal Measures.
,, 13. Evidence of further Cambrian Trilobites.

South Australia.—GEOLOGICAL SURVEY.
Record of the Mines of South Australia : Tarcoola and the north-western district . . . By H. Y. L. Brown. *pp. 29 : 1 map geol. col., 1 plan.* 8⁰. *Adelaide*, 1902.

South Australia.—GEOLOGICAL SURVEY.
Report on the White Range Gold Mines, Arltunga Goldfield. *pp. 8 : 1 map col.* 4⁰. *Adelaide*, 1902.

South Australia.—GEOLOGICAL SURVEY.
Report on the Gold discoveries near Winnecke's Depôt and Mines on the Arltunga Goldfields, Macdonnell Ranges . . . By . . . H. Y. L. Brown. *pp. 8 : 1 map.*
4⁰. *Adelaide*, 1903.

South Australia.—GEOLOGICAL SURVEY.
A short review of Mining operations in the State of South Australia during . . . 1903, *&c. pp. 12.*
8⁰. *Adelaide*, 1904.

South Australia.—GEOLOGICAL SURVEY.
Report on Geological explorations in the west and north-west of South Australia. Prepared . . . by H. Y. L. Brown . . . Government Geologist, *&c. pp. 17 : 3 pls., 1 map geol. col.* 4⁰. *Adelaide*, 1905.
Contains also :—
[Official] Contributions to the Palæontology of South Australia. By R. Etheridge, Junr. No. 14. Cretaceous Fossils from Dalhousie Springs.

South Australia.—GEOLOGICAL SURVEY.
Official Contributions (No. 17 to 22) to the Palæontology of South Australia, by R. Etheridge, Jun., and Record of Northern Territory Boring operations, [by] H. Y. L. Brown, Government Geologist, *&c. pp. 21 : 12 pls.* 4⁰. *Adelaide*, 1907.
No. 17. Permo-Carboniferous Fossils of Cape Dombey, Hyland Bay, and Cape Ford, Anson Bay.
,, 18. Carboniferous Fossils from Fossil Head, Treachery Bay, Victoria River Estuary.
,, 19. Fossils of the Port Keats Bore, *&c.*
,, 20. The Cretaceous Fossils of Point Charles, Port Darwin.
,, 21. The Cretaceous Fossils of Shoal Bay, *&c.*
,, 22. The Cretaceous Fossils of Maclear Creek, Cape Gambier, Melville Island.

South Australia.—GEOLOGICAL SURVEY.
Report on the Geology of the country south and east of the Murray River, *&c. pp. 7 : 1 pl. col., 1 map geol. col.* 4⁰. *Adelaide*, 1910.

SOUTH AUSTRALIA.—GEOLOGICAL SURVEY. [*Maps.*]
Geological sketch Map of South Australia, exclusive of the Northern Territory . . . [by] H. Y. L. Brown, Government Geologist. [Scale 1 in. = 40 m.]
s.sh. *Adelaide*, 1884.
Issued with the first Annual Report, 1882-3.

—— [Another edition entitled :] Geological Map, *&c.*
s.sh. *Adelaide*, 1887.
Issued with "A Record of the Mines of South Australia," by H. Y. L. Brown.

South Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of South Australia . . . By H. Y. L. Brown . . . Scale 16 miles to 1 inch.
4 sh. *col. Adelaide*, 1899.

SOUTH AUSTRALIA.—GOVERNMENT BOTANIC GARDEN.
Report of Director of Adelaide Botanic Garden, 1871. [By] R. Schomburgk . . . Director. 4⁰. *Adelaide*, 1872.
[*Continued as :*]
Report on the progress and condition of the Botanic Garden and Government Plantations. 1872–88.
4⁰. *Adelaide*, 1873–89.
Wanting the Reports for 1873, 1875 & 1886.

South Australia.—GOVERNMENT BOTANIC GARDEN. Catalogue of the Plants under cultivation in the Government Botanic Garden, Adelaide, South Australia. [By] R. Schomburgk . . . Director. *pp. xiii, 200.* 8⁰. *Adelaide*, 1871.

—— [Another edition.] *pp. xix, 285 : 16 pls.* 8⁰. *Adelaide*, 1878.

SOUTH AUSTRALIA.—GOVERNMENT GEOLOGIST'S DEPARTMENT. *See* supra, *Geological Survey.*

SOUTH AUSTRALIA.—Northern Territory. Bulletin, *&c.* No. 1→ 8⁰. *Melbourne*, 1912→

Each number contains a separately-paged paper.

South Australia.—Northern Territory. Prof. [R.] Tate's Report . . . on the Mineralogical, &c., features of the Northern Territory. *pp. 6 : 2 maps geol. col.* 4⁰. [*Adelaide*, 1882.]

South Australia.—Northern Territory. Report on Northern Territory Explorations, by . . . H. Y. L. Brown, Government Geologist. *pp. 34 : 10 pls. (col.), 5 maps geol. col.* 4⁰. *Adelaide*, 1895.

Appendix contains :—
Official Contributions to the Palæontology of South Australia. By R. Etheridge, Junr. [No. 8.] Preliminary Report on Fossils collected in the Northern Territory, *&c.*

South Australia.—Northern Territory. Northern Territory of South Australia, north-western district. Reports (Geological and General) resulting from the explorations made by the Government Geologist and Staff during 1905, *&c.* (Itinerary and Miscellaneous Papers.) *pp. 42, 53 : 5 pls. (col.), 2 maps (1 geol. col.), text illust.* 4⁰. *Adelaide*, 1906.

Contains also :—
Official Contributions to the Palæontology of South Australia. By R. Etheridge, Jun.
No. 15. Preliminary Report on other Fossils . . . of South Australia (Northern Territory).
,, 16. Cambrian Limestone on the Daly River, Northern Territory.

South Australia.—Northern Territory. Record of Northern Territory boring operations. *See* supra, GEOLOGICAL SURVEY. Official Contributions (No. 17 to 22) to the Palæontology of South Australia, *&c.* 4⁰. 1907.

South Australia.—Northern Territory. Northern Territory of South Australia. Government Geologist's Reports on recent Mineral discoveries, and further record of Northern Territory Boring operations. *pp. 13 : 8 pls.* 4⁰. *Adelaide*, 1908.

South Australia.—Northern Territory. Northern Territory of South Australia : north and eastern coasts. Report, Geological reconnaissance from Van Dieman Gulf to the McArthur River, etc., made by the Government Geologist in 1907, *&c. pp. 12 : 1 map geol. col.* 4⁰. *Adelaide*, 1908.

South Australia.—Northern Territory. Government Geologist's Report of the Tanami Gold country. [By H. Y. L. Brown.] *pp. 12 : 4 maps (col.)* 4⁰. *Adelaide*, 1909.

South Australia.—Northern Territory. General Report on Tanami Goldfield and district (north-western Central Australia) . . . By L. C. E. Gee. *pp. 22 : 1 map, text illust.* 4⁰. *Adelaide*, 1911.

SOUTH AUSTRALIA.—Northern Territory. [*Maps.*] Map of the Northern Territory, showing overland telegraph line. [Scale 1 in. = 40 m.] s.sh. *Adelaide* [1880 ?]

South Australia.—Northern Territory. [*Maps.*] Plan shewing natural features of trigonometrical survey [of part of Rosebery county near Port Darwin]. The Geological & Mineralogical data inserted by R. Tate. [Scale 1 in. = 2½ m.] s.sh. *col. Adelaide*, 1882.

South Australia.—Northern Territory. [*Maps.*] Plan shewing explorations by Mr. Winnecke copied . . . in the office of the Surveyor General. [Scale 1 in. = 8 m.] 2 sh. *Adelaide*, 1884.

South Australia.—Northern Territory. [*Maps.*] Geological Map of the Northern Territory . . . prepared . . . by H. Y. L. Brown . . . Physical Geography compiled by C. Winnecke, *&c.* Scale 20 miles to an inch. 2 sh. *col. Adelaide*, 1898.

South Australia.—Northern Territory. [*Maps.*] *See* also, PORT DARWIN, *N. Coast of Australia.*

SOUTH AUSTRALIA. [*Maps.*] South Australia, shewing the division into counties of the settled portions of the province, with situation of Mines of Copper and Lead, from the surveys of Capt. Frome, *&c.* [Scale 1 in. = 15 m.] s.sh. *col. London*, 1858.

South Australia. [*Maps.*] Map of South Australia, exclusive of the Northern Territory, compiled . . . under the direction of G. W. Goyder, Surveyor General. [Scale 1 in. = 8 m.] 15 sh. *Adelaide*, 1880.

South Australia. [*Maps.*] Map of South Australia, exclusive of the Northern Territory, compiled . . . under the direction of G. W. Goyder, Surveyor General. [Scale 1 in. = 16 m.] 2 sh. *Adelaide*, 1883.

South Australia. [*Maps.*] *See* SANDS (J.) The new Atlas of Australia, *&c.* Pt. IV. fol. 1886.

South Australia. [*Maps.*] Plan of the southern portion of the province of South Australia . . . Compiled in the office of the Surveyor General. [Scale 1 in. = 16 m.] s.sh. *col. Adelaide*, 1886.

South Australia. [*Maps.*] Map of the southern portion of South Australia, 1911 . . . Scale [1 in. = 16 m. about], *&c.* s.sh. *col. Adelaide*, 1911.

South Australia. [*Maps.*] [For Geological Maps of South Australia] *See* supra, *Geological Survey.*

SOUTH AUSTRALIAN INSTITUTE. *See* ADELAIDE.

SOUTH AUSTRALIAN MUSEUM. *See* ADELAIDE.—*Public Library, Museum and Art Gallery of South Australia.*

SOUTH CAROLINA, *State of.—Geological Survey.* Report on the Geology of South Carolina ; by M. Tuomey. (Appendix.) *pp. iv, 293 (lvi) : 1 pl. col., 2 maps (1 col.), text illust.* 4⁰. *Columbia, S.C.*, 1848.

Appendix contains :—
Catalogue of the Fauna of South Carolina. [By L. R. Gibbes.]
Vanuxem's report [of the Minerals collected].

SOUTH DAKOTA GEOLOGICAL SURVEY. *See* VERMILLION.—UNIVERSITY OF SOUTH DAKOTA.—*South Dakota Geological Survey.*

SOUTH DAKOTA SCHOOL OF MINES. Bulletin, *&c.* No. 2→ 8⁰. *Rapid City, S.Da.*, 1899→

Wanting No. 1, 3, 4 & 6.

SOUTH EASTERN AGRICULTURAL COLLEGE. *See* WYE, *Kent.*

SOUTH EASTERN NATURALIST, The. The Journal (—Transactions) of the associated Natural History Societies of the south east of England. Papers and Notes by the members of the East Kent Natural History Society and of the Dover Field Club ([afterwards] Dover Natural History and Antiquarian Society). Vol. I—II, pt. 2.† 8⁰. *Canterbury*, 1890-99.

The title of this Journal was then taken by the SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES [*q.v.*] for their publication.

SOUTH EASTERN NATURALIST, The; being the Transactions of the South-eastern Union of Scientific Societies. 1900→ *See* SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. 8⁰. 1900→

SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES.

[Founded 1896. Consisting of the following Societies :—
CITY OF LONDON ENTOMOLOGICAL SOCIETY.
CITY OF LONDON COLLEGE SCIENCE SOCIETY.
NORTH LONDON NATURAL HISTORY SOCIETY.
SOUTH LONDON ENTOMOLOGICAL SOCIETY.
CLAPHAM Y.M.C.A. NATURAL SCIENCE CIRCLE.
SELBORNE SOCIETY.
BALHAM ANTIQUARIAN AND NATURAL HISTORY SOCIETY.
CROYDON MICROSCOPICAL AND NATURAL HISTORY CLUB.
CROYDON CAMERA CLUB.
HOLMESDALE NATURAL HISTORY CLUB (REIGATE).
WOKING FIELD CLUB.
BRIGHTON AND HOVE NATURAL HISTORY & PHILOSOPHICAL SOCIETY.
EASTBOURNE NATURAL HISTORY SOCIETY.
HASTINGS AND ST. LEONARD'S NATURAL HISTORY SOCIETY.
HORSHAM MUSEUM SOCIETY.
BROMLEY NATURALISTS' SOCIETY.
CATFORD AND DISTRICT NATURAL HISTORY SOCIETY.
DOVER NATURAL HISTORY SOCIETY.
EAST KENT NATURAL HISTORY SOCIETY.
FOLKESTONE NATURAL HISTORY SOCIETY.
NEW BROMPTON NATURALISTS' SOCIETY.
NORTH KENT NATURAL HISTORY AND SCIENTIFIC SOCIETY.
ROCHESTER NATURALISTS' CLUB.
SEVENOAKS NATURAL HISTORY SOCIETY.
SIDCUP LITERARY AND SCIENTIFIC SOCIETY.
SOUTHBOROUGH FIELD CLUB.
TUNBRIDGE WELLS AMATEUR PHOTOGRAPHIC SOCIETY.
TUNBRIDGE WELLS HIGH SCHOOL NATURAL HISTORY SOCIETY.
TUNBRIDGE WELLS NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.
WEST KENT NATURAL HISTORY SOCIETY.
WOOLWICH AND DISTRICT ANTIQUARIAN SOCIETY.
PORTSMOUTH AND GOSPORT NATURAL HISTORY SOCIETY.]

The Transactions . . . for 1897. 8⁰. *Tunbridge Wells*, 1897.

[*Continued as :*]

Report and Transactions, *&c.* 1898-99. 8⁰. *London*, 1898-99.

[*Continued as :*]

The South Eastern Naturalist : being the Transactions of the Societies, *&c.* 1900→ 8⁰. *London*, 1900→

South Eastern Union of Scientific Societies. A Survey and Record of Woolwich and West Kent. Containing descriptions and records, brought up to date, of the Geology, Botany, Zoology, Archæology and Industries of the district, with a brief Photographic Commentary, in commemoration of the 12th Annual Congress, 1907, of the South Eastern Union of Scientific Societies. General Editors : C. H. Grinling, T. A. Ingram . . . B. C. Polkinghorne. *pp. viii, 526.* 8⁰. *Woolwich*, 1909.

Contains, *inter alia* :—
Geology. By R. H. Chandler, G. E. Dibley, A. L. Leach, A. E. Salter and W. Whitaker.
Botany. Edited by J. F. Bevis and W. H. Griffin (assisted by C. H. Grinling and W. Williams).
Zoology. Edited by J. W. Tutt.
Birds. Compiled by H. J. Turner.
Spiders (False Scorpions). By H. W. Kew.
Hemiptera, Homoptera & Coleoptera. By W. West.
Mollusca. By the Rev. Canon J. W. Horsley.
Prehistoric Period. By B. C. Polkinghorne.

SOUTH KENSINGTON MUSEUM. *See* VICTORIA AND ALBERT MUSEUM.

SOUTH LONDON ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY.

[1872 Founded as *South London Entomological Society.*
1884 *South London Entomological and Natural History Society.*]

Report, *&c.* 1879-84. 5 No. 8⁰. *London*, 1879-85.

Wanting the No. for 1881.

[*Continued as :*]

Abstract of Proceedings, *&c.* 1885-96. 8⁰. *London* [1885 ?-97].

[*Continued as :*]

Proceedings, *&c.* 1897→ 8⁰. *London* [1898→].

SOUTH LONDON MICROSCOPICAL AND NATURAL HISTORY CLUB. [Founded 1871.]

Report, *&c.* No. 1-21.† 8⁰. [*London,*] 1872-92.

SOUTH POLAR TIMES, The. [Issued monthly during the winters of 1902 & 1903 by the members of the British Antarctic Expedition under Capt. Scott, in the "Discovery," during their sojourn in Antarctic regions.] 2 Vol. *illust.* (*col.*) 4⁰. *London*, 1907.

SOUTHALL (JOHN) A Treatise of Buggs : shewing when and how they were first brought into England, *&c. pp. xii, 44.* 8⁰. *London*, 1730.

Wanting *pp. 11-14.*

SOUTHAMPTON.—*Botanic Gardens.*

Page's Prodromus ; as a general nomenclature of all the Plants, indigenous and exotic, cultivated by him in the . . . Gardens, *&c.* *See* PAGE (W. B.) 4⁰. 1817.

SOUTHAMPTON.—Hampshire Field Club. *See* HAMPSHIRE FIELD CLUB.

SOUTHERN (ROWLAND) [Platyhelmia from Clare Island.] *pp. 18 : 1 text illust.* *See* ROYAL IRISH ACADEMY. Proceedings, *&c.* Vol. XXI, pt. 56. 8⁰. 1912.

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES. [Founded 1891.]

Bulletin, *&c.* Vol. I→ *illust.* 8⁰. *Los Angeles, Cal.*, 1902→

SOUTHERN SCIENCE RECORD, The. Vol. I & II. 8⁰. *Melbourne*, 1880-82.

Wanting the title-pages, indexes, and Vol. III.

SOUTHESK, *Earl of.*

See CARNEGIE (J.) *Earl of Southesk.*

SOUTHEY (THOMAS) The rise, progress and present state of Colonial Sheep & Wools, *&c. pp. iv, 93.* 8⁰. *London, &c.*, 1851.

SOUTHLAND INSTITUTE. [Founded 1880.]

[For Proceedings, *&c.*]
See NEW ZEALAND INSTITUTE. Transactions, *&c.*

SOUTHPORT SOCIETY OF NATURAL SCIENCE. [Founded 1890.]

Report, *&c.* No. 1→ 1890-91→ 8⁰. *Southport*, 1892→

SOUTHWELL (THOMAS) *F. L. S.* Report on the Anomura collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. v. Supplementary Reports, No. 35. 4⁰. 1906.

SOUTHWELL (THOMAS) *F.Z.S.* [1831-1909] Observations on the Fauna of Norfolk . . . New edition, with additions . . . and notes by T. Southwell. *See* LUBBOCK (R.) 8⁰. 1879.

Southwell (Thomas) *F.Z.S.* The Seals and Whales of the British Seas, *&c.* *pp. vi [i,] 128 : 12 pls., text illust.* 4⁰. *London*, 1881.

Southwell (Thomas) *F.Z.S.* The Birds of Norfolk, with remarks on their habits, migration, and local distribution : by H. Stevenson (continued by T. Southwell). Vol. iii. *See* Stevenson (H.) 4⁰. 1890.

Southwell (Thomas) *F.Z.S.* The Official Guide to the Norwich Castle Museum, *&c.* *See* Norwich.—*Norwich Castle Museum.* 8⁰. 1896.

SOUTHWORTH (Effie A.) The True Grasses . . . translated . . . by . . . E. A. Southworth, *&c.* *See* Hackel (E.) 8⁰. 1890.

SOUZA (Emile J. d') Map of the Malay Peninsula, *&c.* *See* Malay Peninsula. [*Maps.*] 1879.

SOUZA MONTEIRO (Jose Maria de) *See* Monteiro (J. M. de S.)

SOWERBY, *Family of.* List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] *See* Royal Botanic Society of London. 8⁰. [1908.]

SOWERBY (Charles Edward) [1795–1842] An Illustrated Catalogue of British Plants, arranged according to the Natural Orders, *&c.* *pp. 56 : 48 pls.* [Illustrated by J. E. Sowerby.] 12⁰. *London*, 1841.

SOWERBY (George Brettingham) *1st of the name* [1788–1854] The Genera of recent and fossil Shells . . . continued by G. B. Sowerby. *See* Sowerby (J.) 8⁰. 1820–25 [–34].

Sowerby (G. B.) *1st of the name.* A Catalogue of the Shells contained in the collection of the . . . Earl of Tankerville . . . with an appendix, containing descriptions of many new species. *pp. vii, 92, xxxiv : 8 pls. col.* 8⁰. *London*, 1825.

The figures of the prices inserted in manuscript are those copied from the catalogue kept in the room at Sowerby's, at the time of the sale, while this copy is also marked to show the specimens purchased by the British Museum and by Dr. Gray. There is also appended an unpublished plate of *Turbo bicarinatus.*

Sowerby (G. B.) *1st of the name.* *See* Zoological Journal, *The* . . . conducted by . . . G. B. Sowerby. Vol. i & ii. 8⁰. 1825–26.

Sowerby (G. B.) *1st of the name.* Observations on a few of the most remarkable Shells collected by . . . S. Stutchbury on the coast of some of the Islands of the Australasian and Polynesian groups, together with descriptions of a few new species. *pp. 4 : 1 pl. col.* 8⁰. [*London* ? 1829 ?]

Issued as an appendix to a sale catalogue of Polynesian Shells collected by S. Stutchbury, of which catalogue no trace can now be found.

Sowerby (G. B.) *1st of the name.* Monographs of the genera *Ancillaria*, *Ovulum* and *Pandora.* *See* Broderip (W. J.) Species Conchyliorum, *&c.* Vol. i, pt. 1. 4⁰. 1830.

Sowerby (G. B.) *1st of the name.* The Conchological Illustrations, by G. B. Sowerby, Junr. [with text by G. B. Sowerby, 1st of the name]. *See* Sowerby (G. B.) *2nd of the name.* 8⁰. [1832–] 1841.

Sowerby (G. B.) *1st of the name.* The Yorkshire Meteorite. s.sh. [*London,*] 1835.

Sowerby (G. B.) *1st of the name.* *See* Malacological and Conchological Magazine, *The.* Conducted by G. B. Sowerby. 2 Pt. 4⁰. 1838 [–39].

Sowerby (G. B.) *1st of the name.* Molluscous Animals and their Shells. *See* Beechey (F. W.) The Zoology of Capt. Beechey's Voyage. 4⁰. 1839.

Sowerby (G. B.) *1st of the name.* Monograph of the genus *Cyclostoma* (—*Columbella.*—*Voluta.*—*Lingula.*—*Terebratula.*—*Orbicula*, *Crania*, *Hipponyx* & *Thecidium*). *See* Sowerby (G. B.) *2nd of the name.* Thesaurus Conchyliorum, *&c.* Vol. i. 4⁰. 1843–46.

Sowerby (G. B.) *1st of the name.* Description of Fossil Shells [from the Tertiary of St. Jago, from St. Helena and from the Palæozoic rocks of Tasmania]. *See* Darwin (C. R.) Geological Observations on the Volcanic Islands visited during the voyage of H.M.S. 'Beagle,' *&c.* Appendix. 8⁰. 1844.

—— [Another issue.] *See* Darwin (C. R.) Geological Observations on Coral Reefs, Volcanic Islands, *&c.* Pt. ii, Appendix. 8⁰. 1851.

—— Second edition. *See* Darwin (C. R.) Geological Observations on . . . Volcanic Islands . . . Second edition. Pt. i, Appendix. 8⁰. 1876.

Sowerby (G. B.) *1st of the name.* [New Pliocene Mollusca and a new Brachiopod from Australia and Tasmania.] *See* Strzelecki (P. E. de) Physical description of New South Wales and Van Diemen's Land. 8⁰. 1845.

Sowerby (G. B.) *1st of the name.* Descriptions of Tertiary Fossil Shells from South America. *See* Darwin (C. R.) Geological Observations on South America, *&c.* Appendix. 8⁰. 1846.

—— [Another issue.] *See* Darwin (C. R.) Geological Observations on Coral Reefs . . . and on South America, *&c.* Pt. iii, Appendix. 8⁰. 1851.

—— [Second edition.] *See* Darwin (C. R.) Geological Observations on . . . Volcanic Islands . . . Second edition. Pt. ii, Appendix. 8⁰. 1876.

Sowerby (G. B.) *1st of the name.* [Manuscript Catalogue of the Mollusca contained in the Museum of the Company. By G. B. Sowerby.] *See* East India Company. fol. [ ]

SOWERBY (George Brettingham) *2nd of the name* [1812–1884] The Conchological Illustrations, by G. B. Sowerby, Jun. [*pp. iv, 116 :*] *200 pls. col.* 8⁰. *London*, [1832–] 1841.

The text consists of 'Catalogues of the recent species' and 'Lists of the figures': the former, with the exception of those for the genera *Chiton*, *Cardium*, *Murex*, and *Typhis*, are by G. B. Sowerby, 1st of the name. Some of the plates were drawn in 1832, and intended to be issued with text by J. E. Gray [*See* infra, Sowerby (G. B.) *2nd of the name*, & Gray J. E.)] A portion of the cancelled text belonging to this edition has been preserved with Dr. Gray's tracts.
For details concerning the dates of publication of the parts of this work, *See* notes by C. Davies Sherborn and H. O. N. Shaw in "Proc. Malac. Soc. Lond." Vol. viii, 1909, pp. 331–340.

Sowerby (G. B.) *2nd of the name.* A Conchological Manual. *pp. v [i,] 130, 2 tabs. : 24 pls. (1 col.)* 8⁰. *London*, 1839.

—— Second edition. *pp. vi, 313, 2 tabs. : 27 pls.* 8⁰. *London*, 1842.

Interleaved copy, with manuscript notes by F. E. Edwards.

—— Fourth edition, *&c.* *pp. vi [i,] 337, 2 tabs. : 29 pls. col., text illust.* 8⁰. *London*, 1852.

Sowerby (G. B.) *2nd of the name.* Thesaurus Conchyliorum, or Monographs of Genera of Shells. Edited by G. B. Sowerby, Jun. [Completed by G. B. Sowerby, *3rd of the name.*] 5 Vol. *illust. col.* LARGE PAPER.
4⁰. *London*, (1842–) 1847–87.

Issued in 44 parts, as follows:—Vol. I, pt. 1, *pp. 1–39 : pls. i–c*, May, 1842 [Proc. Zool. Soc. IX, p. 101]; [pt. 2–7 from dates of receipt in the Printed Book Department, British Museum] pt. 2, *pp. 41–82 : pls. xi–xx*, 2 Nov. 1842; pt. 3, *pp. 83–156 : pls. xxi–xxxi*, 23 June, 1843; pt. 4, *pp. 83 [bis]–146 [bis] : pls. xxxii–xl*, 11 April, 1844; pt. 5, *pp. 147 [bis]–156 [bis], 157–220 : pls. xli–lv*, 15 Jan. 1845; pt. 6, *pp. 221–238 : pls. lvi–lxvii*, 21 Jan. 1846; pt. 7, *pp. 239–406 : pls. lxviii–lxxviii*, 27 Nov. 1846; pt. 8, *pp. 407–438 : pls. lxxix–xci*, 1847; Vol. II, pt. 9, *pp. 439–484 : pls. xcii–ci, & xxxi* A, 1849; pt. 10, *pp. 485–546 : pls. cii–cxvi*, 1849; pt. 11, *pp. 547–608*, & Vol. I, *pp. 157*–168* : pls. cxvii–cxxv, xxxi* B *& cxviii bis*, 1850; pt. 12, *pp. 609–654 : pls. cxxvi–cxxxix*, 1851; pt. 13, *pp. 655–702 : pls. cxl–cli*, 1852; pt. 14, *pp. 703–762 : pls. clii–clxiii*, 1853; pt. 15, *pp. 763–846 : pls. clxiv–clxxx*, 1854; pt. 16, *pp. 847–899 : pls. clxxxi–clxxxvi*, 1855; Vol. III, pt. 17, *pp. 1–24 : pls. clxxxvii–cxcv*, 1857; pt. 18, *pp. 25–56 : pls. cxcvi–ccx*, 1858; pt. 19, *pp. 57–96 : pls. ccxi–ccxxx*, 1859; pt. 20, *pp. 97–172 : pls. ccxxiii–ccxxxiii*, 1860; pt. 21, *pp. 173–206 : pls. ccxxxiv–ccxlv*, 1862; pt. 22, *pp. 207–248 : pls. ccxlv–cclv*, 1863; pt. 23, *pp. 249–276 : pls. cclv–cclxv*, 1864; pt. 24 & 25, *pp. 277–331 : pls. cclxvi–ccxc*, 1866; Vol. IV, pt. 26–28, *Cypræa, pp. 1–58 : pls. ccxcii–cccxxviii*, 1870; pt. 29, *Olica, pls. cccxxviii* [sic]*–cccxli*, 1870; pt. 30, *Olica, pp. 1–46 : pls. cccxlii–ccccli*, 1871; pt. 31 & 32, *Mitra, pp. 1–46 : pls. ccclii–ccclxxix*, 1874; pt. 33 & 34, *Murex, pp. 1–55 : pls. ccclxxx–cccciii*, 1879; pt. 35 & 36, *Trophon, &c., pp. 59–110 : pls. cccciv–ccccxxiii, cclxxxiv bis, ccccv*, ccccviii* & ccccxvii bis*, 1880; Vol. V, pt. 37 & 38, *pp. 1–54 : pls. ccccxxiv–ccccxliv, ccccxxiv bis, ccccxl bis & ccccxlii bis*, 1882; pt. 39 & 40, *pp. 55–120 : pls. ccccxlv–cccclxviii*, 1883; pt. 41 & 42, *pp. 121–188 : pls. cccclxix–ccccxcii & cccclxxxix bis*, 1884; pt. 43, *pp. 189–234 : pls. ccccxciii–dvi*, 1886; pt. 44, *pp. 249–305 : pls. dvii–dxcii, dxii bis & dxii**, 1887.

There is no *pl. ccxci*, nor *ccc*, while there are two marked *cccix*. *Pls. ccclxiv–cccl xxi* have been wrongly numbered *ccclii–ccclx*, and *pls. dxiii, dxiv* are numbered *dlxxiii & dlxxiv*.

In Vol. IV, Monograph on *Murex* and *Trophon*, *p. 56* is blank, and *pp. 57, 58* are nonextant, whilst in Vol. V there are no pages numbered *235–248*.

Most of the monographs are by the editor. The others include :—
Cyclostoma, Columbella, Voluta, Lingula, Terebratula, Orbicula, Crania, Hipponyx and *Thecidium*, by G. B. Sowerby, *1st of the name.*
Terebra, by R. B. Hinds.
Tellina, Nuculidæ and *Solarium*, by S. Hanley.
Cymba and *Melo*, by W. J. Broderip.
Bullidæ, *Eulima, Niso, Leiostraca, Obeliscus, Pyramidella, Monoptygma*, Stomatellinæ, *Cyclostrema, Adeorbis* and *Teinostoma*, by A. Adams.
Cemoria, Cranopsis, Zeidora, Rimula, Emarginula, Scutus and *Tugalia*, by A. Adams and G. B. Sowerby, *2nd of the name.*

The last two parts, containing the monographs on *Turbo* and the continuation of those on *Conus* and *Voluta*, are by G. B. Sowerby, *3rd of the name.*

Sowerby (G. B.) *2nd of the name.* Popular British Conchology. A familiar history of the Molluscs inhabiting the British Isles. *pp. xii, 304 : 20 pls. col.*
8⁰. *London*, 1854.

Sowerby (G. B.) *2nd of the name.* Foraminifera from the Colne tidal river, Essex. *1 pl., with descriptive letterpress.* 8⁰. [*London*,] 1856.

Sowerby (G. B.) *2nd of the name.* Popular history of the Aquarium of marine and fresh-water Animals and Plants. *pp. xvi, 327 : 20 pls. col.* 8⁰. *London*, 1857.

Sowerby (G. B.) *2nd of the name.* Companion to Mr. Kingsley's "Glaucus," containing coloured illustrations of the objects mentioned in the work, accompanied by descriptions. *pp. 48 : 12 pls. col.*
8⁰. *Cambridge*, 1858.

Sowerby (G. B.) *2nd of the name.* Illustrated Index of British Shells. Containing figures of all the recent species, with names and other information. *pp. xv, 24 pls., with descriptive letterpress.* 4⁰. *London*, 1859.

—— Second edition, revised and enlarged by G. B. Sowerby [*3rd of the name*]. *pp. xvi : 26 pls. col., with descriptive letterpress.* 4⁰. *London*, 1887.

Sowerby (G. B.) *2nd of the name.* Conchologia Iconica . . . continued by G. B. Sowerby. Vol. [XV–] XVIII–XX. *See* REEVE (L. A.) 4⁰. (1870–) 1878.

Sowerby (G. B.) *2nd of the name.* Malacostraca Podophthalmata Britanniæ . . . continued and completed, with a new generic and specific index to the whole, and seven new plates, by G. B. Sowerby. No. 18, 19. *See* LEACH (W. E.) 4⁰. 1875.

Sowerby (G. B.) *2nd of the name.* Specimen plate [of Natural History objects]. *2 copies (1 plain, 1 col.)*
4⁰. *London* [ ].

Sowerby (G. B.) *2nd of the name*, & **Adams** (A.) Monographs of the genera *Cemoria, Cranopsis, Zeidora, Rimula, Emarginula, Scutus* & *Tugalia*. *See* SOWERBY (G. B.) *2nd of the name.* Thesaurus Conchyliorum, *&c.* Vol. III. 4⁰. 1863.

Sowerby (G. B.) *2nd of the name*, & **Gray** (J. E.) The Conchological Illustrations, or coloured figures of all the hitherto unfigured recent Shells, by G. B. Sowerby, Junr., with the corresponding text of a Descriptive Catalogue of Shells, by J. E. Gray. *pp. 22, 2.*
8⁰. *London*, 1832.

This text was never issued : the plates which were prepared for it were published with fresh text, under the same title, between 1832 and 1841, by G. B. Sowerby, *2nd of the name.* [*Cf.* note by C. DAVIES SHERBORN in "Proc. Malac. Soc. Lond." Vol. VIII, 1909, p. 331.]

—— [Another copy.] *pp. 22, 2 : 1 pl. col.*

Interleaved copy, with manuscript notes by J. E. Gray. A letter by Sowerby is bound in at the end.

SOWERBY (GEORGE BRETTINGHAM) *3rd of the name* [1843–] Appendix (second supplement) to Monograph of the genus *Conus*. (— Completion of the . . . Monographs of *Voluta* . . . and *Melo*.—A Monograph of the genus *Turbo*.) *See* SOWERBY (G. B.) *2nd of the name.* Thesaurus Conchyliorum. Vol. I, III & V. 4⁰. 1864–87.

Sowerby (G. B.) *3rd of the name.* Illustrated Index of British Shells . . . Second edition, revised and enlarged by G. B. Sowerby [*3rd of the name*]. *See* SOWERBY (G. B.) *2nd of the name.* 4⁰. 1887.

Sowerby (G. B.) *3rd of the name.* Marine Shells of South Africa. A Catalogue of all the known species with references to figures in various works, descriptions of new species, and figures of such as are new, little known, or hitherto unfigured. *pp. iv, 89 : 5 pls.*
4⁰. *London*, 1892.

—— Appendix. *pp.* [*i*,] *42 : 3 pls.* 4⁰. *London*, 1897.

SOWERBY (HENRY) [1825–1891] Popular Mineralogy; comprising a familiar account of Minerals and their uses. *pp. viii, 344 : 20 pls. col.* 8⁰. *London*, 1850.

SOWERBY (JAMES) [1757–1822] [A Botanical Drawing-Book : or, an easy introduction to drawing flowers according to Nature, *&c.* obl. fol. *London*, 1789.]

Wanting.

—— Second edition, *&c.* *10 pls., with descriptive letterpress.* obl. fol. *London* [1791].

Sowerby (JAMES) Speculum Linnæanum ; or Linnæan Zoology ; containing a complete illustration of the Zoological part of the Systema Naturæ of Linnæus : with figures . . . by J. Sowerby. *See* SHAW (G.) *F.R.S.*
4⁰. 1790.

Sowerby (James) English Botany; or, coloured figures of British Plants, with their essential characters, synonyms, and places of growth. To which will be added, occasional remarks. (By J. E. Smith . . . The figures) By J. Sowerby. 36 Vol. [in 6] *illust. col.*
8⁰. *London*, 1790–1814.

The text (except that to Pls. xvi, xvii & xviii by G. Shaw) was written by Sir J. E. Smith, whose name, however, appears for the first time on the title-page to Vol. IV.
The plates have been mounted on sheets with the original drawings.

—— General Indexes . . . to which is added, an alphabetical index to English Fungi; making together, a catalogue of indigenous British Plants.
8⁰. *London*, 1814.

—— Supplement . . . The descriptions, synonyms, and places of growth by W. J. Hooker (W. Borrer . . . C. C. Babington . . . M. J. Berkeley . . . W. Wilson . . . W. W. Newbould)... The figures by J. De C. Sowerby (and J. W. Salter). 5 Vol. [in 1] *illust. col.* 8⁰. *London*, 1831–63.

The plates mounted on sheets are kept with those of the main work.

—— Second (or small) edition . . . with the descriptions shortened, and occasional remarks added. [Edited (Vol. I & II) by J. De C. Sowerby and (Vol. III–XII) C. Johnson.] 12 Vol. *illust. col.* 8⁰. *London*, [1832,] 1835–46.

[—— Third edition, *&c.* Vol. I–VII.†
8⁰. *London*, (1847–) 1849–54.]

Wanting.
Issued in 80 monthly parts. It consists of a re-issue of the first seven volumes of the preceding with new title-pages, while the plates bear a double numeration throughout. The announcements on the back of the wrappers show that the issue was confined to the section Phanerogamia.

—— Third edition . . re-arranged according to the natural orders . . . With descriptions of the species by the editor. *See* Syme afterwards Boswell (J. T. I.)
4⁰. 1863–86.

Sowerby (James) A Specimen of the Botany of New Holland . . . The Figures by J. Sowerby, *&c.* Vol. I. *See* Smith (*Sir* J. E.) 4⁰. 1793.

Sowerby (James) Coloured figures [with descriptions] of English Fungi or Mushrooms. 3 Vol. & Suppt. *440 pls. col.* fol. *London*, [1795–] 1797–1809 [–15].

The first six plates and several at the end of the Suppt. are undated; the earliest date is 1795, the latest Nov. 1814.
The original water-colour drawings for the plates have been incorporated in the collection in the Botanical Department.
For tables correlating the *Hymenomycetes* described in this work with the species of Fries, *See* Laplanche (M. C. De) 'Dictionnaire iconographique des Champignons.'

Sowerby (James) Exotic Botany: consisting of coloured figures . . . of . . . rare Plants . . . by J. Sowerby, *&c.* 2 Vol. *See* Smith (*Sir* J. E.) 4⁰. 1804–05.

Sowerby (James) The British Miscellany: or coloured figures of new, rare, or little known Animal Subjects; many not before ascertained to be inhabitants of the British Isles; and chiefly in the possession of the author. [Alphabetical Index.] 2 Vol. [in 1] *76 pls. col., with descriptive letterpress.* 4⁰. *London*, 1804–06 [–75].

Issued in twelve numbers. Vol. II stops short at p. 31.

Sowerby (James) British Mineralogy: or coloured figures intended to elucidate the Mineralogy of Great Britain. 5 Vol. *550 pls. col., with descriptive text.*
8⁰. *London*, [1802–] 1804–17.

As shown by a copy of the first volume in the original wrappers, and by the dates on the plates throughout, the first part of this work was issued 1 Nov., 1802, and subsequent parts up to 1 Oct., 1805, appeared on the first of each month. No part seems to have been issued for November of that year, and publication then proceeded on alternate months beginning with February in 1806, with January in 1807, and with February again for the years 1808 to 1811. The issue then became irregular, parts appeared in February, April, June and August 1812, in February, July, September and November 1813, terminating with *pl. div.*
Pls. lv and *lvi*, although dated 1 Jan., 1804, were issued 1 Dec., 1803. (Note on wrapper to pt. 14.) Only one plate bears date 1 Jan., 1807: there are also single plates dated 1 May, 1808, 1 Sept., 1808, 1 Jan., 1811, and 1 May, 1812, but these seem to be errors. *Pl. cccexxiv* has no date, but probably appeared 1 Dec., 1811. *Pls. dx–dxii* are dated 1816 only; *pls. dxiii–dxx*, 1 May, 1816; *pls. dxxi–dxxviii*, 1 July, 1816; *pls. dxxix, dxxxii, dxxxiv–dxxxvi*, 1 Sept., 1816; whilst *pls. dxxx, dxxxi, dxxxiii* and *dxxxvii–dl* are undated,

[**Sowerby** (James) British Mineralogy, *&c.* (contd.)]

The text at first was not always issued with the illustrations. In the copy of Vol. I above referred to, it was obviously not all in the original state of issue, but by computation the following dates may be assigned for that volume:—*pp. 1–32*, 1 Nov., 1802; *pp. 33–64*, 1 July, 1803; *pp. 65–96*, 1 Jan., 1804; *pp. 97–112*, 1 April, 1804; *pp. 113–136*, 1 May, 1804; *pp. 137–152*, 1 June, 1804; *pp. 153–156*, 1 July, 1804; *pp. 157–168*, 1 Aug., 1804; *pp. 169–184*, 1 Sept., 1804; *pp. 185–200*, 1 Oct., 1804; *pp. 201–216*, 1 Nov., 1804; *pp. i–xii, 217–224*, and two leaves to replace *pp. 129, 130*, 1 Dec., 1804.
Subsequently, judging from the note on the wrappers to the "Exotic Mineralogy," the text accompanied the plates belonging to it.

Sowerby (James) Exotic Mineralogy: or, coloured figures of foreign Minerals, as a supplement to British Mineralogy. 2 Vol. *169 pls. col., with descriptive letterpress.* 8⁰. *London*, 1811–17 [–20].

From a nearly complete copy in the original wrappers the dates of issue of the parts were as follows:—

Vol.	I,	no.	1, pp. 1– 12:	pls.	i–vi,	1 March	
,,	,,	,,	2, ,, 13– 24:	,,	vii–xii,	1 June	
,,	,,	,,	3, ,, 25– 38:	,,	xiii–xviii,	1 Aug.	1811.
,,	,,	,,	4, ,, 39– 50:	,,	xix–xxiv,	1 Oct.	
,,	,,	,,	5, ,, 51– 62:	,,	xxv–xxx,	1 Dec.	
,,	,,	,,	6, ,, 63– 74:	,,	xxxi–xxxvi,	1 Feb.	
,,	,,	,,	7, ,, 75– 86:	,,	xxxvii–xlii,	1 April	1812.
,,	,,	,,	8, ,, 87– 98:	,,	xliii–xlviii,	1 June	
,,	,,	,,	9, ,, 99–110:	,,	xlix–liv,	1 Aug.	
,,	,,	,,	10, ,, 111–122:	,,	lv–lx,	1 July	
,,	,,	,,	11, ,, 123–134:	,,	lxi–lxvi,	1 Sept.	1813.
,,	,,	,,	12, ,, 135–146:	,,	lxvii–lxxii,	1 Nov.	
,,	,,	,,	13, ,, 147–158:	,,	lxxiv–lxxix,	1 March	1817.

["It was intended to have published the Turquois in Tab. 73, but it has been found necessary to postpone that plate." (Note on wrapper to No. 13.)]

Vol.	I,	no.	14, pp. 159–170:	pls.	lxxx–lxxxv,	1 May	
,,	,,	,,	15, ,, 171–182:	,,	lxxxvi–xci,	1 July	
[,,	,,	,,	16, ,, 183–191:	,,	xcii–xcviii,	1 Sept.]	1817.
,,	,,	,,	17, ,, 192–195:	,,	xcix–civ,	1 Nov.	
,,	II,	,,	,, ,, 1– 12:				
,,	,,	,,	18, ,, 13– 24:	,,	cv–cx,	1 Jan.	
,,	,,	,,	19, ,, 25– 36:	,,	cxi–cxvi,	1 March	
,,	,,	,,	20, ,, 37– 52:	,,	cxvii–cxxii,	1 May	1818.
,,	,,	,,	21, ,, 53– 64:	,,	cxxiii–cxxviii,	1 July	
,,	,,	,,	22, ,, 65– 76:	,,	cxxix–cxxxiv,	1 Sept.	
,,	,,	,,	23, ,, 77– 88:	,,	cxxxv–cxl,	1 Nov.	
,,	,,	,,	24, ,, 89–100:	,,	cxli–cxlvi,	1 Jan.	
,,	,,	,,	25, ,, 101–112:	,,	cxlvii–clii,	1 March	1819.
,,	,,	,,	26, ,, 113–124:	,,	cliii–clviii,	1 May	
,,	,,	,,	27, ,, 125–140:	,,	clix–clxiii,	1 March	1820.

Six more parts had been projected, but only one (or two?), containing pls. clxiv–clxix with their text, pp. 141–151, ever appeared.
An Index has been added in manuscript.

Sowerby (James) The Mineral Conchology of Great Britain; or coloured figures and descriptions of those remains of Testaceous Animals or Shells, which have been preserved at various times, and depths in the earth. (. . . Continued [Vol. V–VII] by J. D. C. Sowerby.) [With supplementary indexes and notes to the first four volumes, by J. Farey.] 7 Vol. *illust col.*
8⁰. *London*, 1812–29 (–46).

Vol. VII was not completed: it consists of eight parts, and has no title-page or index.
For papers on the dates of publication of the 113 parts, *See* E. Renevier, "Bull. Soc. Vaudoise Sci. nat.," tom. IV, 1855, p. 318; and E. R. Sykes, "Proc. Malac. Soc. Lond.," Vol. VII, 1906, p. 191.
The Geological Department possesses:—One complete copy, without the original wrappers, but with a manuscript list by J. De C. Sowerby of the dates of their issue; another complete copy, in which the wrappers to the parts of Vol. VII have been kept; and a third copy, in which the contents have been bound in systematic order; whilst there is also a set of the first fifty parts in the original wrappers.

—— Systematical, stratigraphical, and alphabetical Indexes to the first six volumes . . . to which is added a short account of the Life of the author by J. D. C. Sowerby. *pp. [ii,] 241–250, 11 : 1 port.*
8⁰. *London*, 1834 [*i.e.* 1835–40].

This brochure had a composite origin. The title-page, dated 1834, would seem to have been struck off first to serve as a prospectus. The "Preface to the Indexes" is dated July, 1835. The "Systematical Index" is paged in continuation of Vol. VI of the "Mineral Conchology." These, with the portrait, were published as No. 105 of the last-named work in Aug. 1835; whilst the separately-paged "Alphabetical Index" was subsequently issued in the first part (No. 106) of Vol. VII, in March, 1840. The "Stratigraphical Index" and the "Life of the author" were never issued.
In addition to the copies included in the complete sets of the "Mineral Conchology," the Geological Department has one, without the portrait or the preface, that belonged to T. Davidson, and contains his manuscript notes and sketches. Also a copy of the "Systematical Index" that was marked in manuscript by J. De C. Sowerby to form an index to the collection delivered to the British Museum in 1861, and has, in addition, his manuscript index to the first seven parts of Vol. VII of the "Mineral Conchology."

Sowerby (James) Conchologie [*sic*] Minéralogique de la Grande Bretagne . . . Traduction Française, revue et corrigée par L. Agassiz. [Pt. 1.] *pp. 52 : 21 pls. col.* 8⁰. *Neuchâtel*, 1837.

A copy of the first part as originally issued.
Plates 13–16 are misnumbered 9–12.

Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais [with notes] par E. Desor. Atec [*sic*] un avant-propos et des notes . . . par L. Agassiz. *pp. viii, 682 : 404 pls. col.* [in 2 Vol.] 8⁰. *Soleure*, [1837–] 1845.

In the first part of this issue, pp. 15 & 16, 35 & 36, 45–52 have been replaced by others with altered text : the date 1844 appears on p. 52. Otherwise this part seems identical with the 1837 issue.
The following pages are also replacements of prior issues, viz. :— pp. 87–90, 101 & 102, 123 & 124.
Plates 13–16 and 379–403 are misnumbered 9–12 and 371–395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a–c.
The work was published in 20 parts, but nothing is at present known concerning their dates of issue beyond the records in Kayser's "Index Librorum," which gives, No. 1–5, 1837–40 ; No. 7, 1841 ; and No. 8–20, 1842–45 ; or the statement in the "Bull. Soc. Géol. France" (Sér. II, tom. III, p. 806) that No. 13–20 were received in 1845.

Sowerby (James) J. Sowerby's Mineral-Conchologie Grossbrittaniens . . . Deutsch bearbeitet von E. Desor. Durchgesehen und mit Anmerkungen und Berichtigungen versehen von . . . L. Agassiz. *pp. 689 : 404 pls. col.* [in 2 Vol.] 8⁰. *Solothurn*, [1837–] 1842–44.

Wanting plate 275, for which examples of the original plates (429 & 430) have been inserted.
Plates 13–16 and 379–403 are misnumbered 9–12 and 371–395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a–c.
The work was published in 20 parts. Part 1 was originally issued at Neuchatel in 1837 and re-issued at Brunswick in 1840. From records in the "Neues Jahrb. f. Mineral." it seems that lief. 1–3, *pp. 1–124 : pls. i–lx* appeared in 1840 ; lief. 4–8, *pp. 125–286 : pls. lxi–clvii* in 1841 ; and lief. 9, *pp. 287–306 : pls. clviii–clxxxiii* in 1842 ; whilst Kayser ("Index Librorum") gives lief. 9–20, 1842–44.

Sowerby (James) Malacostraca Podophthalmata Britanniæ . . . illustrated . . . by J. Sowerby. No. 1–17. *See* Leach (W. E.) 4⁰. 1815–20.

Sowerby (James) The Genera of Recent and Fossil Shells, for the use of students in Conchology and Geology. Commenced by J. Sowerby . . . and continued by G. B. Sowerby [*1st of the name*] . . . with . . . plates by J. Sowerby and J. D. C. Sowerby. 2 Vol. *267 pls. col., with descriptive letterpress.* 8⁰. *London*, 1820–25 [–34].

The last plate is numbered 279 ; but no plates were issued with the numbers 30, 162, 163, 164, 169, 170, 173, 174, 175, 200, 258 & 268. The title-pages and index were added after the sale of the stock in 1875. A set of the original wrappers from No. 2–42 (the last) is bound in at the end.
For dates of issue of the various parts, *See* note by C. D. Sherborn, Ann. & Mag. Nat. Hist., Ser. VI, vol. XIII, 1894, pp. 370–1, and further notes by E. R. Sykes, Proc. Malac. Soc. Lond., Vol. VII, 1906, p. 194.

—— [Another copy.]

Without title-pages or index : plates unnumbered. The genera are arranged alphabetically, and bound text and plates apart in 4 Vol.

Sowerby (James) A Catalogue of Fossils, from the Mountain Limestone of Great Britain, extracted from the works of Messrs. Philips [*sic*] and Sowerby. *See* Phillips (J.) 8⁰. 1837.

Sowerby (James) [A coloured plate, representing *Passiflora quadrangularis*, by J. Sowerby.] s.sh. [ ]

Sowerby (James) [Three original water-colour drawings for the first edition of the Hortus Kewensis.] *See* Aiton (W.) fol. 1787–88.

Banksian MS. No. 17.

Sowerby (James) [103 original coloured drawings to illustrate Fasc. II–IV of J. Dickson's Fasciculus Plantarum Cryptogamicarum Britanniæ.] fol. [1789 ?–1801 ?]

Banksian MS. No. 21. *Vide* Dryander's Cat. Bibl. Banks, Vol. III, p. 220 : foll. 61–103 were added subsequently to the printing of that Catalogue.

Sowerby (James) Guide to Sowerby's Models of British Fungi in the . . . British Museum . . . By W. G. Smith. *See* British Museum (Natural History). *Botany.* [*Guides.*] 8⁰. 1893.

—— [Another issue.] 8⁰. 1898.

—— Second edition, *&c.* 8⁰. 1908.

Sowerby (James) Illustrations of type specimens of Inferior Oolite Ammonites in the Sowerby Collection, *&c.* Pls. I–VII. *See* Palæontological Society. 4⁰. 1908.

Several of the plates have been prepared with the assistance of S. S. Buckman.

SOWERBY (James) *the Younger* [1815–1834] The Mushroom and Champignon illustrated, compared with, and distinguished from, the poisonous Fungi that resemble them. [*pp. viii :*] *5 pls.* (*col.*) 4⁰. *London*, 1832.

SOWERBY (James De Carle) [1787–1871] The Genera of Recent and Fossil Shells . . . with . . . plates by . . . J. D. C. Sowerby. *See* Sowerby (James). 8⁰. 1820–25 [–34].

Sowerby (James De C.) *See* Zoological Journal, *The* . . . Conducted by . . . J. De C. Sowerby, *&c.* Vol. I & II. 8⁰. 1825–26.

Sowerby (James De C.) The Mineral Conchology of Great Britain . . . By J. Sowerby, continued [Vol. V–VII] by J. D. C. Sowerby. *See* Sowerby (James). 8⁰. 1825–29 (–46).

—— Systematical . . . and alphabetical Indexes to the first six volumes . . . to which is added a short account of the Life of the author by J. D. C. Sowerby. 8⁰. 1834 [*i.e.* 1835–40].

Sowerby (James De C.) Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais par E. Desor, *&c.* *See* Sowerby (James). 8⁰. [1837–] 1845.

Sowerby (James De C.) J. Sowerby's Mineral-Conchologie Grossbrittaniens . . . Deutsch bearbeitet von E. Desor, *&c.* *See* Sowerby (James). 8⁰. [1837–] 1842–44.

Sowerby (James De C.) English Botany . . . Supplement . . . The figures by J. De C. Sowerby, *&c.* *See* Sowerby (J.) 8⁰. 1831–63.

—— Second (or small) edition, *&c.* [Edited (Vol. I & II) by J. De C. Sowerby.] 8⁰. [1832,] 1835.

—— Third edition, *&c.* Vol. I–XI. *See* Syme afterwards Boswell (J. T. I.) 8⁰. 1863–72.

Sowerby (James De C.) [List of Freshwater Mollusca from northern Canada.] *See* Richardson (*Sir* J.) Fauna Boreali-Americana, *&c.* Pt. III. 4⁰. 1836.

Sowerby (James De C.) [For descriptions of Fossil Shells from Australia] *See* Mitchell (*Sir* T. L.) Three expeditions into the interior of eastern Australia, *&c.* Vol. I. 8⁰. 1838.

Sowerby (James De C.) Descriptions of the Fossils from Bracklesham Bay, Selsey and Bognor. Notes and descriptions of new species . . . Foraminifera. — Annelida. — Mollusca. — Descriptions of the Shells of the Chalk formation. *See* Dixon (F.) The Geology and Fossils of Sussex, *&c.* 4⁰. 1850.

—— [Another edition entitled :] The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

Sowerby (James De C.) Illustrations of Type Specimens of Inferior Oolite Ammonites in the Sowerby Collection, *&c.* Pls. I–VII. *See* Palæontological Society. 4⁰. 1908.

Several of the plates have been prepared with the assistance of S. S. Buckman.

Sowerby (James De C.) [Twenty-nine sheets of] Drawings of Mosses, from which the plates of Muscologiæ Hibernicæ Spicilegium [by D. Turner (*q.v.*)] were engraved, made by J. Sowerby, Junr. [*i.e.* J. De C. Sowerby] at Yarmouth, August 1803. fol. [1803.]

Sowerby (James De C.) [65 water-colour drawings of Chelonia, forming the originals for the plates, published and unpublished, to T. Bell's "Monograph of the Testudinata" and Sowerby & Lear's "Tortoises," *&c.*] fol.

Sowerby (James De C.) & **Lear** (E.) Tortoises, Terrapins and Turtles, drawn from life. [With introduction and explanatory text by J. E. Gray.] *pp. xxiv, 16 : 60 pls. col.* fol. *London, &c.*, 1872.

This work consists of the plates originally drawn for T. Bell's "Monograph of the Testudinata" [*q.v.*]. Only forty of the plates had been published when that work was stopped. A revised proof of Gray's text is bound up with the copy of Bell's monograph.

SOWERBY (James Frank) [1887–] List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] *See* Royal Botanic Society of London. 8⁰. [1908.]

SOWERBY (John Edward) [1825–1870] The Ferns of Great Britain: illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 4⁰. [1855.]

Sowerby (John E.) The Fern allies; a supplement to the Ferns of Great Britain. Illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 4⁰. 1856.

Sowerby (John E.) The Grasses of Great Britain: illustrated by J. E. Sowerby, *&c.* *See* Johnson (C.) 8⁰. [1857–61.]

Sowerby (John E.) British Wild Flowers. Illustrated by J. E. Sowerby, *&c.* *See* Johnson (C. P.) 8⁰. [1858–] 1860.

Sowerby (John E.) The Useful Plants of Great Britain . . . Illustrated by J. E. Sowerby. *See* Johnson (C. P.) 8⁰. 1861 [–62].

Sowerby (John E.) English Botany . . . The figures by . . . J. E. Sowerby . . . Third edition, *&c.* *See* Syme afterwards Boswell (J. T. I.) 8⁰. 1863–86.

Sowerby (John E.) An illustrated Key to the natural orders of British Wild Flowers, *&c.* *pp. 42 : 9 pls.* 8⁰. *London*, 1865.

SOYER-WILLEMET (Hubert Félix) [1791–1861] Mémoire sur le Nectaire, *&c.* *pp. 56* [*1*]. 8⁰. *Paris*, 1826.

Mém. Soc. Linn. Paris. Tom. v, 1827.

Soyer-Willemet (H. F.) Observations sur quelques Plantes de France suivies du Catalogue des Plantes Vasculaires des environs de Nancy. *pp. 195.* 8⁰. *Nancy*, 1828.

Soyer-Willemet (H. F.) Sur l'*Euphrasia officinalis* et les espèces voisines.—Sur les *Erica multiflora* et *vagans.* 8⁰. [*Nancy*, 1833.]

Mém. Soc. roy. Sci. Nancy. 1833–34, *pp. 23–39.*

Soyer-Willemet (H. F.) *Gnaphalium neglectum*, nouvelle espèce du groupe des Filaginées, avec des observations sur les autres espèces Françaises de ce groupe. *pp. 11 : 1 pl.* 8⁰. *Nancy*, 1836.

Mém. Soc. roy. Sci. Nancy. 1835.

Soyer-Willemet (H. F.) Sur le *Cerastium manticum* et quelques espèces de ce genre.—*Erodium chium* et *laciniatum*, plantes nouvelles pour la Flore Française, avec des notes sur quelques espèces de ce genre. *pp. 24.* 8⁰. *Nancy*, 1839.

Mém. Soc. roy. Sci. Nancy. 1838.

Soyer-Willemet (H. F.) & **Godron** (D. A.) Revue des Trèfles de la section *Chronosemium.* (Correction, *&c.*) *pp. 35 (11).* 8⁰. *Nancy*, 1847.

Mém. Soc. roy. Sci. Nancy. 1846.
The senior author published some further observations in the same memoirs in 1852.

Soyer-Willemet (H. F.) & **Godron** (D. A.) Monographie des *Silene* de l'Algérie. *pp. 51.* 8⁰. *Nancy*, 1851.

Mém. Soc. roy. Sci. Nancy. 1850.

SPACH (Édouard) [1801–1879] Histoire naturelle des Végétaux. Phanérogames. 14 Tom. & Atlas. 8⁰. *Paris*, 1834–48.

Forming one of Roret's "Collection des Suites à Buffon."

Spach (É.) Dictionnaire universel d'Histoire naturelle . . par MM. Arago . . . Spach, *&c.* 16 Vol. *illust.* (*col.*) *See* Orbigny (A. C. V. D. d'). 8⁰. [1839–] 1849.

—— [Another issue.] 8⁰. 1861.

—— Nouvelle édition, *&c.* 17 Vol. *illust.* (*col.*) 8⁰. [1867?]

Spach (É.) & **Jaubert** (H. F.) *Count.* Illustrationes Plantarum Orientalium, *&c.* 5 Vol. *See* Jaubert (H. F.) *Count* & Spach (É.) fol. 1842–57.

SPADA (Alessandro) Osservazioni stratigrafiche e paleontologiche concernenti la Geologia della Toscana, *&c.* [With notes by A. Spada.] *See* Savi (P.) & Meneghini (G.) 8⁰. 1851.

SPADA (Giovanni Giacomo) [1680–1774] Corporum Lapidefactorum agri Veronensis catalogus quæ apud J. J. Spadam . . . asservantur. Editio altera . . . cui accedunt annotationes, *&c.* *pp. 81 : 10 pls.* 4⁰. *Veronæ*, 1744.

Large-paper copy.

SPADA (Joannes Jacobus) *See* Spada (G. G.)

SPADONI (Paolo) [1764–1826] Pellegrinazioni alle Gessaje di Sant' Angelo, San Gaudenzio, Portone e Scapezzano nel dipartimento del Metauro e scoperti quivi fatte dal . . . P. Spadoni. *pp. 98 : 1 pl.* 8⁰. *Macerata*, 1813.

SPAE (D.) Mémoire sur les espèces du genre Lis, *&c.* *pp. 46.* *See* Brussels.—Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. xix. 4⁰. 1847.

SPAENDONCK (Gerrit van) [1746–1822] Fleurs desinées d'après nature, *&c.* Cahir I–IV. *16 pls.* fol. *Paris* [ ].

Wanting Cab. v & vi, pls. xvii–xxiv.

Spaendonck (G. van) Des Fleurs d'après la Nature par Spaendonck gemahlt [*sic*]. *70 water-colour drawings.* fol. [ ]

"Ex Bibliotheca Principis ab Isemburg. Nro 103."

SPAETH (Franz) [Cassididæ from Dutch New Guinea.] *See* Wichmann (C. E. A.) Nova Guinea, *&c.* Vol. v, livr. 1; ix, livr. 1 & 3. 4⁰. 1906–13.

Spaeth (F.) [Cassidæ from the Kilimandjaro-Meru district.] *See* Sjöstedt (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. I. Coleoptera, no. 13. 4⁰. 1910.

SPAGNOLINI (ALESSANDRO) [1833-1880] Catalogo degli Acalefi del Golfo di Napoli . . . Parte seconda. Discofori. *pp. 83.* 8⁰. *Milano*, 1871.
Atti Soc. Ital. Sci. Nat. Vol. XIV.

SPAIN. Memoria sobre la industria y legislacion de Pesca que comprende desde el año 1870 al 1874, redactada . . . por . . . J. de Salas y . . . F. García Solá. *pp. lxi, 741, 2 tabs.* 8⁰. *Madrid*, 1876.

SPAIN.—COMISIÓN DE INGENIEROS DE MINAS. [*Maps.*] Mapa Geológico de España . . . formado . . . bajo la dirección del Inspector . . . M. Fernandez de Castro. 1889-1893. Escalas de 1 : 1,500,000 [*i.e.* 1 in. = $23\frac{7}{10}$ m. about]. s.sh. *col. Madrid* [1894].

SPAIN.—COMISIÓN DE LA FLORA FORESTAL ESPAÑOLA. *See* infra, MINISTERIO DE FOMENTO.

SPAIN.—COMISIÓN DEL MAPA GEOLÓGICO DE ESPAÑA. *See* infra, INSTITUTO GEOLÓGICO DE ESPAÑA.

SPAIN.—COMISIÓN PERMANENTE DE PESCA. Anuario . . . Resumen de sus trabajos y noticias referentes á la Industria Pesquera, redactado . . . por . . . C. Fernandez. Año I & II. 8⁰. *Madrid*, 1868-69.

Spain.—COMISIÓN PERMANENTE DE PESCA. Exploracion científica de las costas del departamento marítimo del Ferrol, verificada de órden del Almirantazgo por el vocal de la Comisión . . . D. M. de la Paz Graells en el verano de 1869. *pp. 540 : 16 pls.* 8⁰. *Madrid*, 1870.

SPAIN.—INSTITUTO GEOLÓGICO DE ESPAÑA.
[1849 Founded as *Comisión del Mapa Geológico de España.*
1859 *Junta General de Estadística de España.*
1870 *Comisión del Mapa Geológico de España*, separated from the *Junta, &c.*
1873 *Comisión del Mapa Geológico de España* reorganized.
1910 *Instituto Geológico de España.*]
Boletín, *&c.* Tom. I→ 8⁰. *Madrid*, 1874→
With Vol. II, VII, XI & XIV of the Boletín are published a series of plates, accompanied by text, "Sinopsis de las especies fósiles que se han encontrado en España, por L. Mallada (1875-92)."
An index to Tom. I-XX is appended to Tom. XX.
Tom. XXI→ are also styled "Segunda Serie, Tom. I→ (1894→)."

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Memorias . . . Año de 1855. Parte Zoológica [Insecta], por D. M. de la Paz Graells. *pp. 111 : 7 pls. (col.)* 4⁰. *Madrid*, 1858.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Ensayo de descripción geognóstica de la provincia de Teruel en sus relaciones con la Agricultura de la misma, por D. J. Vilanova y Piera. *pp. 312 : 10 pls., 1 map geol. col.* fol. *Madrid*, 1863.
The map is dated 1868.

Spain.—INSTITUTO GEÓLOGICO DE ESPAÑA. Descripción física y geológica de la provincia de Madrid, por D. C. de Prado. *pp. xvi, 219 : 4 pls., text illust.* 4⁰. *Madrid*, 1864.

Spain.—INSTITUTO GEÓLOGICO DE ESPAÑA. Descripción física y geológica de la provincia de Santander, por D. A. Maestre. *pp. 120 [7] : 1 map geol. col., text illust.* fol. *Madrid*, 1864.
The map is dated 1862.

Spain.—INSTITUTO GEÓLOGICO DE ESPAÑA. [*Memorias. I.*] Bosquejo de una descripción física y geológica de la provincia de Zaragoza, por D. F. M. Donayre. *pp. 128 : 4 pls., 1 map col.* 8⁰. *Madrid*, 1873.
The wrapper is dated 1874.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. II.*] Trabajos geodésicos y topográficos practicados por la comisión de estudio de las cuencas Carboníferas de Astúrias [by E. Cifuentes], *&c. pp. 143 : 3 plans.* 8⁰. *Madrid*, 1874.
One of the plans is dated 1873.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. III.*] Descripción física, geológica y agrológica de la provincia de Cuenca, por D. de Cortázar. *pp. xvi, 406 : 3 pls. (1 col.), 1 map geol. col., text illust.* 8⁰. *Madrid*, 1875.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. V.*] Descripción física, geológica y agrológica de la provincia de Valladolid, por D. de Cortázar. *pp. 211 [1] : 3 pls., 1 map geol. col., text illust.* 8⁰. *Madrid*, 1877.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. VI.*] Descripción física y geológica de la provincia de Huesca, por L. Mallada. *pp. xv, 439 : 1 pl. col., 1 map geol. col., text illust.* 8⁰. *Madrid*, 1878.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. VII.*] Descripción física y geológica de la provincia de Ávila, por D. F. M. Donayre. *pp. 297 [1] : 5 pls., 1 map geol. col., text illust.* 8⁰. *Madrid*, 1879.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. VIII.*] Descripción física, geológica y minera de la provincia de Salamanca, por A. Gil y Maestre. *pp. xv, 299 [1] : 1 pl., 1 map geol. col.* 8⁰. *Madrid*, 1880.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. IX.*] Descripción física, geológica y minera de la provincia de Barcelona, por D. J. Maureta y D. S. Thós y Codina. *pp. 487 : 6 pls. (col.), 6 maps (col.), text illust.* 8⁰. *Madrid*, 1881.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. X.*] Descripción física, geológica y agrológica de la provincia de Valencia, por D. de Cortázar . . . y M. Pato. *pp. xi, 417 : 1 pl. col., 1 map geol. col., text illust.* 8⁰. *Madrid*, 1882.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XI.*] Descripción física y geológica de la provincia de Zamora, por D. G. Puig y Larraz. *pp. 488 : 1 pl., 1 map geol. col., text illust.* 8⁰. *Madrid*, 1883.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XII.*] Descripción física y geológica de la provincia de Guipúzcoa, por D. R. Adán de Yarza. *pp. 175 : 8 pls. (7 col.), 1 map geol. col., text illust.* 8⁰. *Madrid*, 1884.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XIII.*] Descripción física y geológica de la provincia de Álava, por D. R. Adán de Yarza. *pp. 175 [1] : 2 pls. col., 1 map col., text illust.* 8⁰. *Madrid*, 1885.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XIV.*] Descripción física, geológica y minera de la provincia de Huelva, por D. J. Gonzalo y Tarin. 2 Tom. *illust.* 8⁰. *Madrid*, 1886-88.
The maps are dated respectively 1887 & 1889.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XV.*] Descripción física, geológica y agrológica de la provincia de Soria, por D. P. Palacios. *pp. 558 [1] : 5 pls. (2 geol. col.), 1 map geol. col., text illust.* 8⁰. *Madrid*, 1890.
The map is dated 1888.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Memorias. XVI?*] Descripción física y geológica de la provincia de Vizcaya, por R. Adán de Yarza [y Torre]. *pp. 192 [1] : 6 pls. (2 geol. col.), 2 maps geol. col., text illust.* 8⁰. *Madrid*, 1892.
One of the maps is dated 1891.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
[*Memorias. XVII?*] Descripción física, geológica y minera de la provincia de Logroño, por D. R. Sánchez Lozano. *pp. 348 [3] : 15 pls. (2 geol. col.), 2 maps (1 geol. col.), text illust.* 8⁰. *Madrid*, 1894.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Comisión del Mapa Geológico de España. Su origen, vicisitudes y circunstancias actuales. [With Lists of Works and Fossils exhibited at the "Exposición de Minería en Madrid en 1883."] *pp. 62. See* supra, Boletín, *&c.* Tom. x. 8⁰. 1883.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Estado de los Trabajos de la Comisión del Mapa Geológico de España al terminar al año 1887. (—Indice de las publicaciones . . . durante los años 1873 á 1887 inclusive.) *pp. 20. See* supra, Boletín, *&c.* Tom. xiv. 4⁰. 1887.

With Tom. xiv of the Boletín was issued Sheet No. 28 (Madrid) of the "Mapa Geológico de España," 1 : 400,000, *q.v.* infra. [*Maps.*]

—— —— los años 1873 á 1888 inclusive. *pp. 23 : 1 map geol. col.* 8⁰. *Madrid*, 1889.

The map is No. 28 (Madrid) of the "Mapa Geológico de España," 1 : 400,000.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Explicación del Mapa Geológico de España, por L. Mallada. 6 Tom. *illust.* 8⁰. *Madrid*, 1895–1907.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Maps.*]
Mapa Geológico de la provincia de Madrid . . . por D. C. de Prado. [Scale 1 in. = 3 m. about.] *See* MADRID. [*Maps.*] s.sh. *col.* 1864.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Maps.*]
Mapa Topográfico de la provincia de Oviedo, por D. G. Schulz. 2ª edicion, *&c.* Escala de 1 por 127,500 [*i.e.* 1 in. = 2 m. about]. 3 sh. *See* OVIEDO, *Province of.* 1878.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Maps.*]
Mapa Geológico de España. Escala 1 : 400,000 [*i.e.* 1 in. = $6\frac{1}{4}$ m. about]. Hoja No. 28 (Madrid). s.sh. *col. Madrid*, 1887.

This sheet of the map was issued in Tom. xiv of the Boletín.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [*Maps.*]
Mapa Geológico estratigráfico de las montañas de la provincia de Palencia, trazado por D. C. de Prado, *&c.* [Scale 1 in. = $1\frac{1}{2}$ m. about.] s.sh. *col. Madrid*, 1861.

SPAIN.—JUNTA GENERAL DE ESTADÍSTICA DE ESPAÑA. *See* supra, INSTITUTO GEOLÓGICO DE ESPAÑA.

SPAIN.—MINISTERIO DE FOMENTO.
[*Forest Flora Commission.*] Comision de la Flora Forestal Española. Resumen de los trabajos verificados por la misma durante los años de 1867 y 1868 (1869 y 1870). [Prepared by M. Laguna y Villannueva.] 2 Vol. [in 1] *illust.* 4⁰. *Madrid*, 1870–72.

Spain.—MINISTERIO DE FOMENTO.
[*Forest Flora Commission.*] Flora Forestal Española, que comprende la descripcion de los Árboles, Arbustos y Matas que se crian silvestres ó asilvestrados en España . . . escrita . . . por D. M. Laguna . . . con la colaboracion . . . de D. P. de Ávila (y D. J. de Salinas, autor de las láminas). 2 Pt. & 2 Atlases, *col. illust.* 8⁰. & fol. *Madrid*, 1883–90.

Spain.—MINISTERIO DE FOMENTO.
[*Pacific Voyage Commission.*] Moluscos del viaje al Pacífico verificado de 1862 á 1865 por una Comisión de Naturalistas enviada por el gobierno Español. Parte primera : Univalvos terrestres. *See* HIDALGO (J. G.) 4⁰. 1869 [*i.e.* 1872].

—— Parte segunda : Bivalvos marinos. *See* MARTINEZ Y SAEZ (F. DE P.) 4⁰. 1869 [*i.e.* 1870].

—— Parte tercera : Univalvos marinos. *See* HIDALGO (J. G.) 4⁰. 1879.

Spain.—MINISTERIO DE FOMENTO.
[*Pacific Voyage Commission.*] Vertebrados del viaje al Pacífico verificado de 1862 á 1865 por una Comisión de Naturalistas enviada por el gobierno Español. Batracios. *See* JIMENEZ DE LA ESPADA (M.) 4⁰. 1875.

Spain.—MINISTERIO DE FOMENTO.
[*Pacific Voyage Commission.*] Artrópodos del viaje al Pacífico verificado de 1862 á 1865 por una Comisión de Naturalistas enviada por el gobierno Español. Insectos Neurópteros y Ortópteros. *See* BOLÍVAR Y URRUTIA (I.) 4⁰. 1884.

SPAIN. [*Maps.*] New map of Spain and Portugal : by E. Mentelle . . . and P. G. Chanlaire. [Scale 1 in. = $16\frac{1}{2}$ m. about.] 9 sh. & index map. *London*, 1808.

Spain. [*Maps.*] España y Portugal [and the Canary Islands], por . . . F. Coello. Escala 1 : 1,000,000 [*i.e.* 1 in. = $15\frac{3}{4}$ m. about]. s.sh. *Madrid*, 1862.

Spain. [*Maps.*] Mapa Geológico de España y Portugal, por . . . F. de Botella y de Hornos segun sus propias observaciones desde 1848 á 1879 . . . La parte geográfica por F. Coello. Escala de 1 : 2,000,000 [*i.e.* 1 in. = $31\frac{1}{2}$ m. about]. s.sh. *col. Madrid*, 1879.

Spain. [*Maps.*] Mapa Geológico y Topográfico de la provincia de Barcelona . . . Detallada geología por . . . J. Almera . . . topografía por E. Brossa. Escala 1 : 40,000 [*i.e.* 1 m. = $1\frac{3}{5}$ in. about]. 3 sh. *col. Barcelona*, 1897–1900.

Sheet 1 is of the second edition.

Spain. [*Maps.*] Producción, repartición de las Riquezas Minerales de España. Por G. Hyvert, *&c.* Escala 1 : 3,000,000 [*i.e.* 1 in. = $47\frac{1}{3}$ m. about]. s.sh. *col. Carcassonne*, 1900.

Spain. [*Maps.*]
See also supra, COMISÍON DE INGENIEROS DE MINAS.
See also supra, INSTITUTO GEOLÓGICO DE ESPAÑA.

SPALLANZANI (LAZARO) [1729–1799] Opuscoli di Fisica Animale e Vegetabile [*i.e.* on Infusoria and Spermatozoa, *&c.*] . . . Aggiuntevi alcune Lettere . . . dal . . . Signor Bonnet, *&c.* 2 Vol. [in 1] *illust.* 8⁰. *Modena*, 1776.

Spallanzani (L.) Tracts on the nature of Animals and Vegetables [*i.e.* Infusoria and Spermatozoa, *&c.*] (Experiments upon the reproduction of the head of the terrestrial snail. By C. Bonnet.) [Abridged translation, by Sir J. G. Dalyell ?] *pp. vii, 394 : 5 pls.* 8⁰. *Edinburgh*, 1799.

Spallanzani (L.) Tracts on the natural history of Animals and Vegetables [*i.e.* Infusoria and Spermatozoa, *&c.*] (Two epistolatory dissertations on Infusion Animalcula . . . by . . . M. Bonnet.—Experiments on the reproduction of the head of the terrestrial Snail by C. Bonnet.—[M]emoirs on the reproduction of the members of the water Newt, by C. Bonnet), translated from the original Italian . . . [with a Preface and Introduction] by J. G. Dalyell . . . Second edition. 2 Vol. *illust.* 8⁰. *Edinburgh*, 1803.

The first edition seems to have been published earlier in the same year.

Spallanzani (L.) [Dissertazioni di Fisica Animale e Vegetabile [*i.e.* on Digestion and Generation], *&c.* 8⁰. *Modena*, 1780.]
Wanting.

Dissertations relative to the natural history of Animals and Vegetables. Translated from the Italian . . . To which are added two letters from Mr. Bonnet to the author. And (to each volume of this translation) an Appendix, the first containing a paper written by Mr. Hunter . . . and the experiments of Dr. Stevens on Digestion; the second a translation of a memoir of Mr. Demours, and Mr. Debraw's paper on the fecundation of Bees. 2 Vol. *illust.* 8⁰. *London*, 1784.

Spallanzani (L.) Expériences pour servir à l'histoire de la génération des Animaux et des Plantes . . . [Translated] Avec une ébauche de l'histoire des Êtres Organisés avant leur fécondation ; par J. Senebier. *pp. xcvi, 413 : 3 pls.* 8⁰. *Genève*, 1785.

Spallanzani (L.) Des Herrn Abt. L. Spallanzani . . . angestellte physikalische Beobachtungen auf der Insel Cythera, heutzutage Cerigo genannt, an den Herrn Cap. Lorgna. Aus dem Italienischen. *pp. 64 : 1 pl.* 8⁰. *Strasburg*, 1789.
The original appeared in the "Mem. Soc. Ital." Verona. Tom. III, 1786.

Spallanzani (L.) Viaggi alle Due Sicilie e in alcune parti dell'Appennino. (Opuscoli sopra diversi Animali, che servono di Appendice, *&c.*) 6 Tom. *illust.* 8⁰. *Pavia*, 1792–97.
The "Opuscoli," *&c.*, form Tom. VI.

Spallanzani (L.) Des Abtes L. Spallanzani . . . Reisen in Beyde Sicilien und in einige Gegenden der Appenninen. Aus dem Italienischen, mit Anmerkungen. (Nebst einem Anhange über die Vulkane aus dem Französischen des Herrn Senebier.) 5 Thl. [in 3 Vol.] *illust.* 8⁰. *Leipzig*, 1795–98.
The "Anhang" is at the end of Thl. IV.

Spallanzani (L.) Travels in the Two Sicilies, *&c.* *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. V. 4⁰. 1809.

Spallanzani (L.) [Memorie sulla Respirazione. 2 Vol. 8⁰. *Milano*, 1803.]
Wanting.

Rapports de l'Air avec les Êtres Organisés, ou traités de l'action du poumon et de la peau des Animaux sur l'Air, comme de celle des Plantes sur ce fluide. Tirés des Journaux . . . de L. Spallanzani, avec quelques Mémoires de l'éditeur sur ces matières. Par J. Senebier. 3 Tom. 8⁰. *Genève*, 1807.

Spallanzani (L.) Un autógrafo del Abate Spallanzani, por D. M. Jimenez de la Espada. *pp. 19.* *See* MADRID. — REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. I. 8⁰. 1872.

Spallanzani (L.) L'Abbate Spallanzani a Pavia. *pp. 68 : 1 port., text illust.* *See* MILAN. — SOCIETÀ ITALIANA DI SCIENZE NATURALI. Memorie, *&c.* Tom. VI, no. 3. 4⁰. 1901.

SPALLART (FRANZ XAVER VON NEUMANN) *See* NEUMANN-SPALLART.

SPALOWSKY (JOACHIM JOHANN NEPOMUK ANTON) [1725–1797] Beytrag zur Naturgeschichte der Vögel. *pp. vi, 20 : 43 pls. col.* 4⁰. *Wien*, 1790.

—— Zweyter Beytrag, *&c.* *pp.* [*viii,*] *viii, 20 : 40 pls. col.* 4⁰. *Wien*, 1791.

—— Dritter Beytrag, *&c.* *pp.* [*iv,*] *viii, 39 : 45 pls. col.* 4⁰. *Wien*, 1792.

Spalowsky (J. J. N. A.) Prodromus in systema historicum Testaceorum.— Vorschmack einer vollständigen systematischen Geschichte der Schalthiergehäuse. *pp.* [*viii,*] *iv, 88 : 13 pls., engr. title.* fol. *Wien*, 1795.
Latin and German in parallel columns.

SPAMPINATO (GIUSEPPE BRUNO) *See* BRUNO-SPAMPINATO (G.)

SPANDEL (ERICH) [1855–1909) Untersuchungen an dem Foraminiferengeschlecht *Spiroplecta* im allgemeinen und an *Spiroplecta carinata*, d'Orb., im besonderen. *See* NUREMBERG. — NATURHISTORISCHE GESELLSCHAFT. Säcular-Feier der . . . Gesellschaft . . . 1801–1901. Festschrift, *&c.* 8⁰. [1901.]

SPÅNGBERG (JACOB) [1846–1894]
Species Gyponæ generis Homopterorum, *&c.* *pp. 75* [*1*].
Note sur les Variétés Suédoises de la *Brenthis selene* (W. V.), *&c.* *pp. 10 : 1 pl.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. v, no. 3 & 12. 8⁰. 1878.

Spångberg (J.) Notice sur les dégâts des Pucerons dans les champs d'orge, *&c.* *pp. 3.* *See* MADRID. — REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. VIII. 8⁰. 1879.

Spångberg (J.) Entomologisk Tidskrift . . . utgifven af J. Spångberg. Årg. I–X. *See* STOCKHOLM. — ENTOMOLOGISKA FORENINGEN. 8⁰. 1880–89.

SPANGENBERG (GEORGIUS) [1788–] Disquisitio inauguralis anatomica circa partes genitales fœmineas Avium, *&c.* *pp. 80 : 5 pls.* 4⁰. *Gœttingæ*, 1813.

SPARGO (THOMAS) The Mines of Cornwall and Devon : statistics and observations, *&c.* [Fifth issue, or edition.] *pp. xii, 188 : 21 maps & plans (col.)* 8⁰. *London*, 1865.
The first edition appeared in 1859.

SPARMANN (JOHANN WILHELM) Dissertatio inauguralis medica de Roremarino, quam . . . præside . . . D. M. Alberti . . . submittet autor, *&c.* *pp. 32.* 4⁰. *Halæ* [1718].

SPARRE-SCHNEIDER (JACOB) *See* SCHNEIDER (HANS J. S.)

SPARRMAN (ANDERS) [1748–1820] Dissertatio academica sistens iter in Chinam . . . submissa ab A. Sparrman, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1768.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . Amœnitates Academicæ, *&c.* Vol. VII, no. 150. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

Sparrman (A.) [Resa till Goda Hopps-Udden, Södra Pol-Kretsen och omkring Jordklotet . . . åren 1772–76. 2 Dl. 8⁰. *Stockholm*, 1783.]
Wanting.

A Voyage to the Cape of Good Hope, towards the Antarctic Polar Circle, and round the World [with Capt. J. Cook] : but chiefly into the country of the Hottentots and Caffres, from . . . 1772, to 1776 . . . Translated from the Swedish original [by G. Forster] . . . Second edition, *&c.* 2 Vol. *illust.* 4⁰. *London*, 1786.
The first edition of this translation appeared in 1785.
The Appendix to Vol. II contains : — "Some account of the *Mus pumilio*," *&c.*

Sparrman (A.) Voyage au Cap de Bonne-Espérance, et autour du Monde avec le Capitaine Cook . . . Traduit par M. Le Tourneur [from the English translation]. 2 Vol. *illust.* 4⁰. *Paris*, 1787.

Sparrman (A.) Museum Carlsonianum, in quo novas et selectas Aves, coloribus ad vivum brevique descriptione illustratas . . . exhibet A. Sparrman. 4 Fasc. *100 pls. col.* 4⁰. *Holmiæ*, 1786–89.

Sparrmans Museum Carlsonianum. *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS - AKADEMIEN. Handlingar. Ny Följd, Bd. II, no. 3. SUNDEVALL (C. J.) Kritisk framställning af Fogelarterna uti äldre Ornithologiska Arbeten, *&c.* 4⁰. 1857.

Sparrman (A.) Svensk Ornithologie, *&c.* *pp.* [*vi*,] *44 : 60 pls. col.* fol. *Stockholm*, 1806.

SPARRMANN (NICOLAUS GUSTAV) Fructificationis partium varietates, quarum . . . publicæ censuræ submittit N. G. Sparrmann, *&c.* *See* THUNBERG (C. P.) 4⁰. 1802.

SPARSCHUCH (HINRICUS) Dissertatio medica in qua Potus Coffeæ, leviter adumbratur, quem . . . submittit . . . H. Sparschuch, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1761.]

—— [Another edition entitled :] Potus Coffeæ, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VI, no. 110. 8⁰. 1763.

—— —— Editio secunda, *&c.* 8⁰. 1789.

—— [Another edition.] *See* LINNÆUS (C.) [*Works.*] C. Linnæi Fundamenta Botanicorum . . . Curante J. E. Gilibert. Tom. II. 8⁰. 1786.

Sparschuch (H.) Vom Caffee. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. I, no. 3. 8⁰. 1776.

SPASKY (JOHANNES) Entozoologiæ historiæ, progressus et status hodierni brevis expositio, *&c.* *pp. iii, 50.* 8⁰. *Petropoli*, 1824.

SPASOIEVĪĆ (MLADEN) *Trochosa infernalis*, Mots., iedan īnteresantan Pauk-trkach īz okolīne Beoghrada, Shaptza, Nīsha, Leskovtza ī Pirota. [*T. infernalis*, Mots., an interesting Arachnid from the environs of Belgrade, *&c.*] 8⁰. [*Belgrade*, 1891.]

Nastavnik. Knīg. III, pp. 202–218.

SPAULDING (PERLEY) The treatment of Damping-off in Coniferous seedlings. *pp. 8 : text illust.* *See* UNITED STATES. — *Department of Agriculture.* — *Plant Industry Bureau.* Circular No. 4. 8⁰. 1908.

Spaulding (P.) The present status of the White Pine blights. *pp. 12.* *See* UNITED STATES.—*Department of Agriculture.*—*Plant Industry Bureau.* Circular No. 35. 8⁰. 1909.

Spaulding (P.) European Currant Rust on the White Pine in America. *pp. 4.* *See* UNITED STATES. — *Department of Agriculture.* — *Plant Industry Bureau.* Circular No. 38. 8⁰. 1909.

Spaulding (P.) The Timber Rot caused by *Lenzites sepiaria.* *pp. 46 : 4 pls., text illust.* *See* UNITED STATES.—*Department of Agriculture.*—*Plant Industry Bureau.* Bulletin No. 214. 8⁰. 1911.

Spaulding (P.) & **Field** (E. C.) *Miss.* Two dangerous imported Plant Diseases. *pp. 29 : text illust.* *See* UNITED STATES.—*Department of Agriculture.* Farmers' Bulletin No. 489. 8⁰. 1912.

Spaulding (P.) & **Schrenk** (H. VON) The Bitter Rot of Apples. *pp. 54 : 9 pls., text illust.* *See* UNITED STATES.—*Department of Agriculture.*—*Plant Industry Bureau.* Bulletin No. 44. 8⁰. 1903.

Spaulding (P.) & **Schrenk** (H. VON) Diseases of deciduous Forest Trees. *pp. 85 : 10 pls., text illust.* *See* UNITED STATES. — *Department of Agriculture.* — *Plant Industry Bureau.* Bulletin No. 149. 8⁰. 1909.

SPEAR (R. CLARKE) The Golden West. A special illustrated number. (Edited by R. C. Spear.) Being also a brief history of the development of the State of Western Australia, its principal resources, etc. *pp. 96 : text illust.* fol. *Perth, W.A.*, 1906.

SPECTACLE de la Nature : or Nature display'd. Being discourses on . . . Natural History . . . Translated from the . . French [of Abbé A. N. de Pluche, by J. B. de Freval]. Vol. III. *pp. 24, 458 : 33 pls.* 8⁰. *London*, 1736.

The French original in 8 Vol. appeared 1732–51.

—— Tenth edition. Vol. II–V. 12⁰. *London*, 1766–70.

SPEERSCHNEIDER (J.) Zur Entwickelungsgeschichte der Roggenpflanze (*Secale cereale*). *pp. viii : 1 pl.* 4⁰. *Rudolstadt*, 1867.

Prefixed to a school programme.

SPEGAZZINI (CÁRLOS) [1858–] Fungi Argentini (additis nonnullis Brasiliensibus Montevideensibusque). 4 Pt. 8⁰. [*Buenos Aires*, 1880–82.]

An. Soc. Cient. Argentina. Tom. IX, X, XII & XIII.

Spegazzini (C.) Notas y apuntes sobre los Elafomicetes, especialmente referentes al *Elaphomyces variegatus*, Vitt. *pp. 12.* 8⁰. [*Buenos Aires*, 1881.]

An. Soc. Cient. Argentina. Tom. XI.

Spegazzini (C.) Fungi Puiggariani. Pugillus I. 8⁰. *Buenos Aires*, 1889.

Bol. Acad. Nac. Sci. Córdoba. Tom. XI. *pp. 381–622.*

Spegazzini (C.) Contribucion al Estudio de la Flora de la Sierra de la Ventana. *pp. 86* [*1*]. 8⁰. *La Plata*, 1896.

Spegazzini (C.) Hongos de la Caña de Azucar. 8⁰. *La Plata*, 1896.

Revista Facult. Agronom. y Veter. La Plata. No. 18, June, 1896, *pp. 227–258.*

Spegazzini (C.) Plantæ Patagoniæ australis. 8⁰. *La Plata*, 1897.

Revista Facult. Agronom. y Veter. La Plata. No. 30 & 31. *pp 485–589.*

Spegazzini (C.) Fungi Argentini novi vel critici. 8⁰. *Buenos Aires*, 1899.

An. Mus. Nac. Buenos Aires. Tom. VI. *pp. 81–367 : 2 pls. col.*

Spegazzini (C.) Nova Addenda ad Floram Patagonicam. 2 Pt. 8⁰. *Buenos Aires*, 1901–02.

An. Soc. Cient. Argentina. Tom. XLVII & XLVIII.

SPEIDEL (JOHANNES ALBERTUS) Sulammitidis deliciæ rurales . . . submittent . . . G. F. Laitenberger . . . J. A. Speidel, *&c.* *See* HILLER (M.) 4⁰. [1713.]

SPEIGHT (H.) *See* GRAY (J.) *pseud.*

SPEIGHT (ROBERT) Physiography and Geology of the Auckland, Bounty, and Antipodes Islands . . . assisted by A. M. Finlayson. *See* PHILOSOPHICAL INSTITUTE OF CANTERBURY, *New Zealand.* The Subantarctic Islands of New Zealand, *&c.* Art. 30. 4⁰. 1909.

SPEILBERGEN (JORIS VAN) *See* SPILBERGEN.

SPEISER (PAUL) Die Schmetterlingsfauna der Provinzen Ost- und Westpreussen, *&c.* *See* KONIGSBERG. — PHYSIKALISCH-OEKONOMISCHE GESELLSCHAFT. Beiträge zur Naturkunde Preussens, *&c.* No. 9. 4⁰. 1903.

Speiser (P.) Die Hemipterengattung *Polyctenes*, Gigl., und ihre Stellung im System. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰. 1904.

Speiser (P.) Die Diptera Pupipara der Madagassisch-Maskarenischen Region. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. II, hft. 3. 4⁰. 1908.

Speiser (P.) [Pupipara, Conopidæ, Orthorapha and Cyclorapha of the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. II, Diptera, no. 1, 3, 4 & 5. 4⁰. 1910.

Speiser (P.) & **Grimshaw** (P. H.) [Diptera (Supplement) of the Sandwich Islands.] *See* SHARP (D.) Fauna Hawaiiensis, *&c.* Vol. III, pt. 2. 4⁰. 1902.

SPEKE (JOHN HANNING) [1827–1864] Journal of the discovery of the source of the Nile. *pp. xxxi, 658 : 26 pls., 2 maps, text illust.* 8⁰. *Edinburgh & London*, 1863.

Appendix C contains :—
List of Plants collected by Capt. Grant between Zanzibar and Cairo.
Notes on other Plants, partly from native information. By J. A. Grant.
Note on Capt. Grant's collection of Plants. By T. Thomson.

Speke (J. H.) What led to the discovery of the Source of the Nile. (Journal of adventures in Somali Land. —Journal of a cruise on the Tanganyika Lake.) *pp. x, 372 : 1 pl., 2 maps.* 8⁰. *Edinburgh & London*, 1864.

SPELUNCA. Bulletin de la Société de Spéléologie, *&c.* Tom. I–VI. [*Continued as :*] Spelunca. Bulletin & Mémoires de la Société, *&c.* Tom. IV, no. 25→ *See* PARIS.—SOCIÉTÉ DE SPÉLÉOLOGIE. 8⁰. 1895→

SPEMANN (HANS) Ueber experimentell erzeugte Doppelbildungen mit cyclopischem Defect. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰. 1904.

SPENCE (JAMES MUDIE) The Land of Bolivar, or . . . Adventure in the Republic of Venezuela. 2 Vol. *illust.* 8⁰. *London*, 1878.

Vol. II, Appendix, contains :—
B. List of Plants observed in Los Roques by A. Ernst.
C. On some Venezuelan Birds . . . By P. L. Sclater . . . and O. Salvin.
D. Sertulum Naiguatense : Notes on a small collection of Alpine Plants from the summit of Naiguatá, in the Mountains of Caráccas. By A. Ernst.
E. Description of Minerals and Ores from Venezuela. By J. Plant.
G. Orchideæ Venezuelanæ : or, an alphabetical list of all the genera and species of Orchids . . . of the United States of Venezuela . . . by A. Ernst.

SPENCE (WILLIAM) [1783–1860] Address delivered at the anniversary meeting of the Entomological Society of London . . . 1848 by W. Spence. *pp. 20.* 8⁰. *London*, 1848.

Spence (W.) & **Kirby** (W.) An Introduction to Entomology, *&c.* 4 Vol. *See* KIRBY (W.) & SPENCE (W.) 8⁰. 1822–26.

In this copy :—
Vol. I is of the fourth edition, 1822 : the first edition appeared in 1815.
Vol. II is of the third edition, 1823 : the first edition appeared in 1817.
Vol. III & IV are of the first edition, 1826.
Later editions appeared up to the seventh.

—— Seventh edition, *&c.* 8⁰. 1856.

—— Index. 8⁰. 1859.

SPENCER (ARTHUR COE) [1871–] The Copper deposits of the Encampment district, Wyoming. *pp. 107 : text illust.* *See* UNITED STATES.—*Geological Survey.* Professional Paper No. 25. 4⁰. 1904.

Spencer (A. C.) The Juneau Gold Belt, Alaska, *&c.* *pp. 137 : 23 pls., 11 maps & plans (3 geol. col.), text illust.* *See* UNITED STATES.—*Geological Survey.* Bulletin No. 287. 8⁰. 1906.

Spencer (A. C.) Magnetite deposits of the Cornwall type, in Pennsylvania. *pp. 102 : 9 pls., 11 maps (2 geol. col.), text illust.* *See* UNITED STATES.—*Geological Survey.* Bulletin No. 359. 8⁰. 1908.

Spencer (A. C.) & **Schrader** (F. C.) The Geology and Mineral Resources of a portion of the Copper River district, Alaska. *pp. 94 : 8 pls., 5 maps (col.)* *See* UNITED STATES.—*Geological Survey.* 8⁰. 1901.

SPENCER (FRANCIS) Gold-mining at Witwatersrand. *See* CAPE COLONY. Illustrated Official Handbook of the Cape, *&c.* 8⁰. 1893.

SPENCER (HERBERT) [1820–1903] The Principles of Biology. 2 Vol. 8⁰. *London & Edinburgh*, 1884.

The first edition appeared 1864, 67.

Spencer (H.) The Factors of Organic Evolution. *pp. iv, 76.* 8⁰. *London & Edinburgh*, 1887.

Reprinted, with additions, from the "Nineteenth Century," Vol. XIX.

Spencer (H.) The inadequacy of "Natural Selection." *pp. 69.* 8⁰. [*London*, 1893.]

Reprinted from "The Contemporary Review" for February and March, 1893.

Spencer (H.) Die Allmacht der Naturzüchtung. Eine Erwiderung an H. Spencer. *See* WEISMANN (F. L. A.) 8⁰. 1893.

SPENCER (JOHN) The Florist [*Continued as :*] The Florist and Pomologist . . . edited by J. Spencer. 1852–62. *See* FLORIST AND POMOLOGIST, *The.* 8⁰. 1852–62.

SPENCER (JOSEPH WILLIAM WINTHROP) [1851–] Discovery of the pre-glacial outlet of Lake Erie. *See* PENNSYLVANIA, *State of.—Second Geological Survey.* Reports of Progress. Q⁴. 8⁰. 1881.

Spencer (JOSEPH W. W.) Palæozoic Geology (—Surface Geology) of the region about the western end of Lake Ontario. 2 Pt. *pp. 116 : 3 maps, text illust.* 8⁰. [*Montreal*, 1882.]

Canadian Naturalist. Vol. X.

Spencer (JOSEPH W. W.) Niagara Fossils. *pp. 61 : 8 pls.* *See* COLUMBIA, *Missouri.*—UNIVERSITY OF THE STATE OF MISSOURI. Bulletin, *&c.* Vol. I, no. 1. 8⁰. 1884.

Spencer (JOSEPH W. W.) The Paleozoic Group. The Geology of ten counties of northwestern Georgia. *See* GEORGIA, *State of.—Geological Survey.* 8⁰. 1893.

SPENCER (LEONARD JAMES) [1870–] The World's Minerals. *pp. x [i,] 212 : 40 pls. col., text illust.* 8⁰. *London & Edinburgh*, 1911.

SPENCER (MILES) Notes on the breeding habits of certain Mammals, from personal observations and enquiries from Indians. *See* CANADA.—*Geological Survey.* Annual Report. New Series, Vol. III, J. Append. III. 8⁰. 1888.

SPENCER (WALTER BALDWIN) [1860–] The Pineal Eye [in Lizards]. 8⁰. *Oxford*, 1887.

Journ. Oxford Univ. Jun. Sci. Club. Vol. I. *pp. 7–9.*

Spencer (WALTER B.) Contributions to our knowledge of *Ceratodus.* Pt. I. The Blood vessels. *See* LINNEAN SOCIETY OF NEW SOUTH WALES. The Macleay Memorial Volume, *&c.* 4⁰. 1893.

Spencer (WALTER B.) Report on the work of the Horn Scientific Expedition to Central Australia . . . Edited [and in part written] by B. Spencer. 4 Pt. *illust.* *See* HORN (W. A.) 4⁰. 1896.

SPENCER (William Kingdon) Monograph of the British Fossil Echinodermata from Cretaceous Formations. Vol. II, pt. 3–5. *See* Palæontographical Society. Wright (T.) *& others.* 4⁰. 1905–08.

SPENEUX ( ) & **Letellier** (J. B. L.) Expériences nouvelles sur les Champignons vénéneux, leurs poisons et leurs contre-poisons. *See* Letellier (J. B. L.) & Speneux ( ) 8⁰. 1866.

SPENGEL (Johann Wilhelm) [1852–] Die Fortschritte des Darwinismus . . . Nr. 2. 1873–1874. *pp. 80.* 8⁰. *Cöln & Leipzig*, 1875.

Klein's Revue der Naturwissenschaften.

Spengel (J. W.) *See* Zoologische Jahrbuecher. Zeitschrift für Systematik, Geographie und Biologie der Thiere. Herausgegeben von . . J. W. Spengel. Bd. I→ 8⁰. 1886→

Spengel (J. W.) Die Enteropneusten des Golfes von Neapel und der angrenzenden Meeres-Abschnitte. *pp. xii, 756 [2] : 36 pls. (col.), 1 map. See* Naples.—*Zoologische Station.* Fauna und Flora des Golfes von Neapel, *&c.* Monog. XVIII. 4⁰. 1893.

Spengel (J. W.) Einige weitere Beobachtungen an *Ptychodera erythræa*, Spengel. *pp. 4 : text illust. See* Naples.—regia università degli studi. Annuario del Museo Zoologico della . . . Università . . . (Nuova Serie,) Vol. I, no. 22. 4⁰. 1904.

Spengel (J. W.) Ueber Schwimmblasen, Lungen und Kiementaschen der Wirbelthiere. *See* Zoologische Jahrbuecher, *&c.* Suppt.-Bd. VII. 8⁰. 1904.

Spengel (J. W.) Betrachtungen über die Architektonik der Tiere. *See* Zoologische Jahrbuecher. Suppt.-Bd. VIII, *&c.* 8⁰. 1905.

Spengel (J. W.) Studien über die Enteropneusten der Siboga-Expedition, nebst Beobachtungen an verwandten Arten. *pp. 126 [1] : 17 pls. (col.), text illust. See* Weber (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. XXVI. 4⁰. 1907.

Spengel (J. W.) Ergebnisse und Fortschritte der Zoologie, herausgegeben von . . . J. W. Spengel. Bd. I→ *illust.* 8⁰. *Jena*, 1907→

Spengel (J. W.) Festschrift zum sechzigsten Geburtstage des . . . Dr. J. W. Spengel . . Herausgegeben von A. Brauer, *&c.* 3 Bd. *illust. See* Zoologische Jahrbuecher, *&c.* Supplementheft XV. 8⁰. 1912.

SPENGLER (Lorenz) [1720–1807] Auserlesne Schnecken, Muscheln und andre Schaalthiere [with text by L. Spengler], *&c. See* Regenfuss (F. M.) fol. 1758.

SPENNER (Fridolin Carl Leopold) [1798–1841] Flora Friburgensis et regionum proxime adjacentium. 3 Tom. [in 2] *illust.* 8⁰. *Friburgi Brisgoviæ*, 1825–29.

Spenner (F. C. L.) Monographia generis Nigellæ. Dissertatio inauguralis botanico-medica, *&c. pp. 12.* 4⁰. *Friburgi Brisgoviæ*, 1829.

Spenner (F. C. L.) Handbuch der angewandten Botanik, oder praktische Anleitung zur Kenntniss der medizinisch, technisch und ökonomisch gebräuchlichen Gewächse Teutschlands und der Schweiz . . . mit einer analytischen Bestimmungstabelle, *&c.* 3 Abth. 8⁰. *Freiburg*, 1834–36.

Spenner (F. C. L.) Teutschlands phanerogamische Pflanzengattungen in analytischen Bestimmungstabellen nach dem natürlichen und Linneischen Systeme . . mit einem Lateinischen und Teutschen terminologischen Wörterbuche. *pp. xlii, 322.* 8⁰. *Freiburg*, 1836.

Spenner (F. C. L.) T. F. L. Nees ab Esenbeck . . . Genera Plantarum Floræ Germanicæ . . . Plantarum Dicotyledonearum . . . Gamopetalæ . . . auctore F. C. L. Spenner, *&c. See* Nees von Esenbeck (T. F. L.) 8⁰. 1843.

SPERK (Gustav) *See* Shperk (G. F.)

SPERLING (Paulus Gothofredus) [–1709] Chymicam formicarum analysin. Sub præsidio . . . P. G. Sperlingii, *&c. See* Manitius (S. G.) 4⁰. [1689.]

Sperling (P. G.) Dissertatio solennis de Vermibus in primis viis . . . præside . . . P. G. Sperling, *&c. See* Bothius (J. C.) 4⁰. [1700.]

SPETHMANN (Hans) [1885–] *Ancylus*see und *Litorina*meer im südwestlichen Ostseebecken von der Dänischen Grenze bis zur Odermündung. Eine geologische Studie, *&c. pp. 55 : 2 pls., 1 map.* 8⁰. [*Lubeck*, 1906.]

Mittheil. Geograph. Gesell. Naturhist. Mus. Lübeck. Zweite Reihe, Hft. 21, 1906.

SPEYER.—Pollichia, ein Naturwissenschaftlicher Verein der Rheinpfalz. *See* Durkheim-on-the-Hart.

SPEYER (Adolf) & (August) Die geographische Verbreitung der Schmetterlinge Deutschlands und der Schweiz. Nebst Untersuchungen über die geographischen Verhältnisse der Lepidopterenfauna dieser Länder überhaupt. 2 Thl. 8⁰. *Leipzig*, 1858–62.

SPEYER (August) & (Adolf) Die geographische Verbreitung der Schmetterlinge Deutschlands, *&c. See* Speyer (Adolf) & (August). 8⁰. 1858–62.

SPEYER (Oscar Wilhelm Carl) Die Ostracoden der Casseler Tertiärbildungen. *pp. 62 [1] : 4 pls.* 8⁰. *Cassel*, 1863.

Bericht Ver. Naturk. Cassel. No. 13.

Speyer (O. W. C.) Die Bivalven der Casseler Tertiär-Bildungen . . . mit einem Vorwort und Tafel-Erklärungen von A. von Koenen. *pp. xii : 32 pls. See* Prussia.—koeniglich-preussische geologische landesanstalt, *&c.* Abhandlungen, *&c.* Bd. IV, hft. 4. 4⁰. 1884.

SPEZIA. [*Maps.*] Carta Geologica dei dintorni del Golfo di Spezia e Val di Magra Inferiore, del G. Capellini. 2ª edizione . . . Scala di 1 a 50,000 [*i.e.* 1 m. = 1¼ in. about]. s.sh. *col.* *Roma*, 1881.

SPEZIA (Giorgio) [1842–1911] Note Mineralogiche sopra alcuni materiali dell' Isola del Principe Rodolfo. *See* Luigi Amedeo Giuseppe Maria Ferdinando Francesco, *Duke of Abruzzi.* Osservazioni Scientifiche eseguite durante la Spedizione Polare . . . 1899–1900. 8⁰. 1903.

SPICER (Thomas Thevethan) Zoology. Notes of a lecture delivered at Crosby Hall, *&c. pp. 16.* 8⁰. *London*, 1853.

Printed for private circulation.

SPICER (William Webb) [1820?–1879] A handy-book to the Collection and Preparation of Freshwater and Marine Algæ, Diatoms, Desmids, Fungi, Lichens, Mosses . . . Translated and edited by . . . W. W. Spicer. *See* Nave (J.) 8⁰. 1867.

Spicer (W. W.) A Handbook of the Plants of Tasmania. *pp. xxiv, 160 : 4 pls.* 16⁰. *Hobart Town*, 1878.

SPIEGEL or **SPIEGHEL** (Adrian van den) *See* Spigelius (A.)

SPIELER (ALEXANDER JULIUS THEODOR) [1817-] De Plantis venenatis Silesiæ. Dissertatio inauguralis, *&c. pp. 42.* 8⁰. *Vratislaviæ*, 1842.

SPIELMANN (JACOB REINBOLD) [1722-1783] Prodromus Floræ Argentoratensis, *&c.* [By J. R. Spielmann.] *See* STRASBURG. 8⁰. 1766.

Spielmann (JACOB R.) Dissertatio medica de Vegetabilibus venenatis Alsatiæ, quam præside J. R. Spielmanno . . . subjiciet F. A. Guerin, *&c. pp.* [*iv,*] *76.* 4⁰. *Argentorati* [1766].

Spielmann (JACOB R.) Olearum Argentoratensium fasciculum, sub præsidio . . . J. R. Spielmann . . . subjicit . . . J. J. Spielmann. *See* SPIELMANN (J. J.) 4⁰. [1769.]

Spielmann (JACOB R.) Pharmacopœa generalis, edita a J. R. Spielmann. 2 Pt. [in 1 Vol.] *1 port.* 4⁰. *Argentorati*, 1783.

SPIELMANN (JOHANNES JACOBUS) [1745-1810] Olerum Argentoratensium fasciculum, sub præsidio . . J. R. Spielmann . . . subjicit . . . J. J. Spielmann. *pp. 62.* 4⁰. *Argentorati* [1769].

—— fasciculum alterum, pro licentia . . . doctorum medicinæ . . . proponit . . . J. J. Spielmann. *pp. 44.* 4⁰. *Argentorati* [1770].

SPIELMANNUS. *See* SPIELMANN.

SPIERS (ALEXANDER) [1807-1869] Dictionnaire général Français-Anglais (—Anglais-Français), *&c.* 2 Vol. [in 1.] 8⁰. *Paris*, 1856-57.
Français-Anglais. 9th edition. 1857.
Anglais-Français. 8th edition. 1856.

SPIERS (WILLIAM) The Wesley Naturalist . . . Editors : . . . W. H. Dallinger . . . W. Spiers, *&c.* Vol. I-III. *See* WESLEY SCIENTIFIC SOCIETY. 8⁰. 1887-89.

SPIES (JOHANN CARL) Dissertatio . . . inauguralis de *Avellana Mexicana* . . . præside I. C. Spies, *&c. See* BRUECKMANN (F. E.) 4⁰. [1721.]

SPIGELIUS (ADRIANUS) [1578-1625] A. Spigelii . . . Isagoges in rem Herbariam libri duo, *&c. pp.* [*xvi,*] *138* [*14*]. 4⁰. *Patavii*, 1606.

—— [Another edition.] (Catalogus Plantarum Horti Academici Lugduno-Batavi, quibus is instructus erat anno 1633. Præfecto ejusdem Horti D. A. Vorstio . . . Accessit Index Plantarum indigenarum, quæ prope Lugdunum in Batavis nascuntur.) *pp. 272* [*16*]. 16⁰. *Lugduni Batavorum*, 1633.

—— Editio prioribus correctior, *&c. pp.* [*xii,*] *127* [*13*]. 4⁰. *Helmstadii*, 1667.

Spigelius (A.) A. Spigelii . . . de Lumbrico lato liber. Cum . . . notis, *&c. pp.* [*viii,*] *74* [*12*] *: 1 pl.* 4⁰. *Patavii*, 1618.

Spigelius (A.) A. Spigelii . . . de Humani corporis fabrica libri decem, tabulis XCIIX . . . nec antehac visis exornati. *pp.* [*xiv,*] *390* [*xxi*]. 4⁰. *Francofurti*, 1632.
Wanting the plates.

SPILBERG (GEORGE) *See* SPILBERGEN (JORIS VAN).

SPILBERGEN (JORIS VAN) Eine dreyjahr Reyse G. von Spilbergen . . . welche An. 1601 auss Seeland nach den Orientalischen Indien abgefahren, *&c. See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*India Orientalis.* Pt. VII.—*German.*] Siebender Theil der Orientalischen Indien, *&c.* fol. 1605.

Spilbergen (J. VAN) Reise nach Ostindien [Comoro Islands and Ceylon, 1601-3] — Reise. (1614.) *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. VIII & XII. 4⁰. 1751, 54.

Spilbergen (J. VAN) Voyage to Magellanica and Polynesia. [By J. C. de Maye.] *See* CALLANDER (J.) Terra Australis cognita, *&c.* Vol. II. 8⁰. 1768.

Spilbergen (J. VAN) Voyage . . . round the World, in 1614-1617. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. X. 8⁰. 1824.

Spilbergen (J. VAN) The East and West Indian Mirror, being an account of J. van Speilbergen's Voyage round the World (1614-1617) . . . Translated, with notes . . . by J. A. J. De Villiers. *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. XVIII. 8⁰. 1906.

SPILLMAN (WILLIAM JASPER) Application of some of the principles of Heredity to Plant Breeding. *pp. 74 : text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 165. 8⁰. 1909.

SPILSBURY (F.) A List of Lepidoptera, observed at and near Repton and Wellington, Derbyshire. *See* WYATT (W.) & THORNTON (C. G.) Flora Repandunensis, *&c.* 8⁰. 1866.

—— [Augmented by P. B. Mason.] *See* WYATT (W.) & THORNTON (C. G.) Contributions to the Flora and Fauna of Repton, *&c.* [Second edition.] 8⁰. 1881.

SPIN (DE) *Marquess.* Le Jardin de St. Sébastien, soit catalogue des Plantes qu'on y cultive ; avec des notes sur quelques espèces nouvelles ou peu connues. [Third edition.] *pp. 33 : 1 pl.* 8⁰. *Turin*, 1818.
Wanting pl. I.
The first edition appeared in 1809.

SPINDLER (GOTTLOB FRIDERICUS) De nuce Juglande ejusque usu medico, sub præsidio . . . D. A. E. Büchneri . . . disputabit auctor, *&c. pp. 38.* 4⁰. *Erfordiæ* [1743].

SPINDLER (NICOLAS) Experiment : Gewisse, rechte, und bewärte Erfahrung allerhand Artzney, wider allerley seltzame Gebrästen, Fehl und Kranckheyten dess Menschlichen Cörpers . . . Weiland durch . . . N. Spindlern probiert, und zusammen getragen, jetzundt . . . an den Tag gegeben. [Edited, with a preface, by J. Held.] Sampt einer eigentlichen contrafeyhung unnd beschreibung aller Kreuter, Wurtzel, Blumen . . . und andern heimischen und ausslendischen Simplicien. [By J. Held.] [*pp. 140*] *foll. 351* [*pp. 9*] *: text illust.* 8⁰. *Franckfurt am Meyn*, 1566.
There is a title-page to the second part which reads :—" Der ander Theil. Eigentliche uñ warhafftige beschreibung aller und jeder Simplicien . . . Durch H. [*i.e.* J.] Heldt . . . verfertigt."

SPINELLI (VENTURINO) Le Alghe marine della Sicilia orientale. *pp. 55. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Vol. XVIII, mem. 13. 4⁰. 1905.

SPINNER (HENRI) L'Anatomie foliaire des *Carex* Suisses. Dissertation inaugurale, *&c. pp. 120, 20 tabs. : 5 pls.* 8⁰. *Neuchâtel*, 1903.
Also forms "Mittheilungen aus dem Botanischen Museum der Universität Zürich," XVII.

SPINOLA (MASSIMILIANO) *Marquess* [1780-1857] Insectorum Liguriæ species novæ aut rariores, quas in agro Ligustico nuper detexit, descripsit, et iconibus illustravit M. Spinola, adjecto catalogo specierum auctoribus jam enumeratarum, quæ in eadem regione passim occurrunt. 2 Tom. [in 1] *illust.* 4⁰. *Genuæ*, 1806-08.

Spinola (M.) *Marquess.* [Essai sur les genres d'Insectes appartenants à l'ordre des Hémiptères, Lin., ou Rhyngotes, Fab., et la section des Hétéroptères, Dufour. 8⁰. *Gênes*, 1837.]

Wanting. A copy of the wrapper has been bound in at the end of :—

—— [Another issue entitled :] Essai sur les Insectes Hémiptères, Rhyngotes, ou Hétéroptères. *pp. 383, 5 tabs.* 8⁰. *Paris*, 1840.

Spinola (M.) *Marquess.* Essai monographique sur les Clérites, Insectes Coléoptères. 2 Tom. [in 1] *illust.* 8⁰. *Gênes*, 1844.

Spinola (M.) *Marquess.* [Flora and Fauna of Liguria. Edited by the Marquess Spinola.] *See* GENOA. Descrizione di Genova, *&c.* Pt. II. 8⁰. 1846.

Spinola (M.) *Marquess.* [Cleridæ, Hymenoptera and Hemiptera of Chili.] *See* GAY (C.) Historia fisica . . . de Chile . . . Zoologia. Tom. VI & VII. 8⁰. & fol. 1851–52.

SPIRO (PETER ANTONOVICH) [1844–1893] Physiologisch-topographische Untersuchungen am Rückenmark des Frosches. *pp. 25 : 1 pl. See* ST. PETERSBURG. —ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XVI, no. 7. 4⁰. 1870.

SPISAR (KAREL) O vlivu tíže a světla na Plazivé Lodyhy. [On the influence of gravity and light upon Creeping Stems.] *pp. 29 : text illust. See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIV, čís. 3. 8⁰. 1905.

Spisar (K.) O nutacích klíčních Rostlin. [On the nutation of the shoots of Plants.] *pp. 21 . text illust. See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XV, čís. 44. 8⁰. 1906.

Spisar (K.) Vegetativní rozmnožování Netřesků. [Vegetative multiplication of *Sempervivum.*] *pp. 18 : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVI, čís. 32. 8⁰. 1907.

Spisar (K.) Zur Cytologie der gegliederten Milchröhren. *pp. 16 : 1 pl. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1906, no. 4. 8⁰. 1907.

Spisar (K.) O vlivu tíže na květy u *Hemerocallis.* [On the influence of gravity on the flowers of *Hemerocallis.*] *pp. 17 : text illust. See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVIII, čís. 49. 8⁰. 1909.

Spisar (K.)
K biologii a fysiologii Typhuly. [On the biology and physiology of *Typhula.*] *pp. 16 : text illust.*
K fysiologii Kokotice Gronovovy. [On the physiology of *Cuscuta Gronovii*, Willd.] *pp. 42, v : text illust.*
See PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIX, čís. 22 & 50. 8⁰. 1910.

SPITFIRE, *Queensland Government Schooner.* Report of the proceedings of the . . . "Spitfire," in search of the mouth of the River Burdekin, on the north-eastern coast of Australia, *&c.* *See* QUEENSLAND. 8⁰. 1860.

SPITTA (EDMUND JOHNSON) [1853–] Photo-Micrography. *pp. xi, 163 : 6 pls., text illust.* 4⁰. *London*, 1899.

Spitta (E. J.) Microscopy : the construction, theory and use of the Microscope. *pp. xx, 468 : 17 pls., text illust.* 8⁰. *London*, 1907.

Spitta (E. J.) & **Slater** (C.) An Atlas of Bacteriology, *&c.* *See* SLATER (C.) & SPITTA (E. J.) 8⁰. 1898.

SPITZ (ANSELM CHRISTOPH) Bemerkungen über die durch das Abschälen der Baumrinde vermehrte Fruchtbarkeit der Obstbäume. *pp. 15. See* ERFURT.—KOENIGLICHE AKADEMIE GEMEINNUETZIGER WISSENSCHAFTEN. Nova Acta, *&c.* Tom. II. 8⁰. 1802.

SPIX (JOHANN BAPTIST VON) [1781–1826] Geschichte und Beurtheilung aller Systeme in der Zoologie nach ihrer Entwicklungsfolge von Aristoteles bis auf die gegenwärtige Zeit. *pp. xxvi, 710* [in 2 Vol.] 8⁰. *Nürnberg*, 1811.

Spix (J. B. VON) Abhandlung über die Affen der alten und neuen Welt im allgemeinen, insbesondere über den schwarzen Heulaffen (*Simia Belzebul*, Linné) und über den Moloch (*Simia Moloch*, Hofmannsegg), nebst . . . einem Verzeichniss aller bis jezt bekannten Affenarten. *pp. 22 : 2 pls. col.* 4⁰. [*Munich*, 1813.]

Denkschr. k. Bayer. Acad. Wissensch. München. Bd. IV, 1813 (1814).

Spix (J. B. VON) Cephalogenesis, sive capitis ossei structura, formatio et significatio per omnes animalium classes, familias, genera ac ætates digesta, atque tabulis illustrata, legesque simul psychologiæ, cranioscopiæ ac physiognomiæ inde derivatæ. *pp.* [*vi,*] *72* [*8*] *: 9 pls.* fol. *Monachii*, 1815.

Each plate is accompanied by an outline key.

Spix (J. B. VON) Simiarum et Vespertilionum Brasiliensium species novæ, ou histoire naturelle des espèces nouvelles de Singe et des Chauves-Souris observées et recueillies pendant le voyage dans l'intérieur du Brésil exécuté . . . dans . . . 1817–20. *pp.* [*viii,*] *viii, 72 : 38 pls. col.* fol. *Monachii*, 1823.

Spix (J. B. VON) Serpentum Brasiliensium species novæ, ou histoire naturelle des espèces nouvelles des Serpens, recueillies et observées pendant le voyage dans l'intérieur du Brésil dans les années 1817–20 . . . publiée par J. de Spix . . . écrite d'après les notes du voyageur par J. Wagler. *pp. viii, 75* [*1*] *: 28 pls. col.* 4⁰. *Monachii*, 1824.

Spix (J. B. VON) [Animalia nova, sive species novæ Testudinum et Ranarum quas in itinere per Brasiliam, annis 1817–20 . . . collegit et descripsit . . . J. B. de Spix. 4⁰. *Monachii*, 1824.]

Wanting. It was apparently re-issued in 1825.

—— [Another edition entitled :] Species novæ Testudinum (—Ranarum) quas in itinere annis 1817–20 per Brasiliam . . . collegit . . . J. B. de Spix . . . Tabulas revisit, denuo imprimendas et emendatis coloribus imbuendas curavit . . . C. F. P. de Martius. 2 Vol. *illust. col.* 4⁰. *Monachii*, 1840.

Spix (J. B. VON) Avium species novæ, quas in itinere per Brasiliam annis 1817–20 . . . collegit et descripsit . . . J. B. de Spix. 2 Tom. *illust. col.* fol. *Monachii*, 1824–25.

An additional page (47), printed in recto only, and comprising an account of *Anodorhynchus Maximiliani*, has been inserted in Vol. I.

—— Tabulas revisit, denuo imprimendas et emendatis coloribus imbuendas curavit . . . C. F. P. de Martius. Tom. I. 4⁰. *Monachii*, 1840.

Spix (J. B. VON) Animalia nova, sive species novæ Lacertarum, quas in itinere per Brasiliam annis 1817–20 . . . collegit et descripsit . . . J. B. de Spix. *pp.* [*vi,*] *26 : 30 pls. col.* fol. *Monachii*, 1825.

Spix (J. B. VON) Testacea fluviatilia quæ in itinere per Brasiliam annis 1817–20 . . . suscepto collegit et pingenda curavit J. B. de Spix . . . digessit, descripsit et observationibus illustravit . . . J. A. Wagner. Ediderunt . . . F. a Paula de Schrank et . . . C. F. P. de Martius. *pp. iv* [*ii,*] *36 : 29 pls. col.* fol. *Monachii*, 1827.

Spix (J. B. von) Selecta genera et species Piscium quos in itinere per Brasiliam annis 1817–20 . . . peracto. Collegit et pingendos curavit . . . J. B. de Spix . . . digessit, descripsit et observationibus anatomicis illustravit . . . L. Agassiz, præfatus est et edidit . . . C. F. P. de Martius (Memoriæ J. B. de Spix). *pp.* [*vi,*] *xvi, ii, 6, 138 : 95 pls.* (*col.*), *1 port.* fol. *Monachii*, 1829 [–31].

This work was issued in two parts : the first, consisting of pp. 1–82 and the first 48 plates, in 1829 (Isis, 1829, p. 715) ; the remainder in 1831.

Spix (J. B. von) Delectus Animalium articulatorum, quæ in itinere per Brasiliam annis 1817–1820 . . collegerunt . . . J. B. de Spix . . . et . . . C. F. P. de Martius. Digessit, descripsit, pingenda curavit . . . M. Perty, . . . præfatus est et edidit C. F. P. de Martius . . . Accedit dissertatio de Insectorum in America meridionali habitantium vitæ, genere, moribus et distributione geographica. *pp.* [*viii,*] *iii, 44, 224 : 40 pls. col.* fol. *Monachii*, 1830 (–34).

Spix (J. B. von) & **Martius** (C. F. P. von) Reise in Brazilien . . in . . . 1817 bis 1820 gemacht und beschrieben. 3 Thl. & Atlas. 4⁰. & fol. *München*, 1823–31.

Thl. III. Geographischer Anhang :—
Ueber die General Karte von Südamerica, von F. E. Desberger.
[Naturhistorischer Anhang :—
Die Pflanzen und Thiere des tropischen America, ein Naturgemälde von C. F. P. von Martius.]
Wanting the "Naturhistorischer Anhang," for separate copy of which *See* Martius (C. F. P. von) Die Pflanzen, *&c.*

Spix (J. B. von) & **Martius** (C. F. P. von) Travels in Brazil, in . . . 1817–20, *&c.* [Translated from the German by H. E. Lloyd.] 2 Vol. *illust.* 8⁰. *London*, 1824.

SPLITGERBER (Friedrich Ludwig) [1801–1845] Enumeratio Filicum et Lycopodiacearum quas in Surinamo legit F. L. Splitgerber. *pp. 56.* 8⁰. *Leiden*, 1840.

Tijdschr. Natuurl. Geschied & Physiol. VII.

SPOERER (Julius) [1823–1873] Nowaja Semlä in geographischer, naturhistorischer und volkswirthschaftlicher Beziehung, *&c. pp. 112 : 2 maps. See* Petermanns Mittheilungen, *&c.* Ergänzbd. V, no. 21. 4⁰. 1867.

SPOHN (Georg) [1870–] Chemisch-geologische Studien in der Umgegend von Forchheim. Inaugural-Dissertation, *&c. pp. 31 : text illust.* 8⁰. *Stuttgart*, 1896.

SPOLEČNOST VLASTENSKÉHO MUSEA V ČECHACH.
See Prague. — gesellschaft des museums des koenigreichs boehmen.

SPOLETO.— Accademia Spoletina.
F. Toni. Della Collezione Geologica, Paleontologica e Paleoëtnologica da lui raccolta . . . Seguita da un articolo del Prof. A. Ricci sull' Età della Pietra, e l' Uomo Preistorico nel territorio Spoletino. *pp.* [*ii,*] *156.* 8⁰. *Foligno*, 1888.

The wrapper reads :—"Accademia Spoletina. Anno 1888. Studi Geologici."

SPON (Jacob) [1647–1685] Tractatus novi de Potu Caphé, de Chinensium Thé et de Chocolata. [Translated by J. Spon.] *See* Dufour (P. S.) 12⁰. 1685.

Spon (J.) J. Sponii . . . Bevanda Asiatica : hoc est ; physiologia potus Café a D.D. Manget, notis & seorsim a Constantinopoli plantæ iconismis ; recens illustrata. 4⁰. [*Geneva ?*] 1705.

A translation of the first portion of P. Sylvestre Dufour's work entitled "Traitez nouveaux . . . du Café."

SPONECK (Carl Friedrich von) *Count.* Forstwissenschaftliche und botanische Abhandlungen und Bemerkungen . . . Erstes Bändchen, *&c. pp.* [*viii,*] *184 : 1 pl. col.* 8⁰. *Heidelberg*, 1807.

Sponeck (C. F. von) *Count.* Forstliche Aufsätze und Bemerkungen, *&c. pp. xiv* [*ii,*] *280 : 1 pl. col.* 8⁰. *Mannheim & Heidelberg*, 1810.

SPOOF (Axel Reinhold) Notes about some in Finland found species of non-parasitical Worms (*Turbellaria, Discophora*, et *Oligocheta Fennica*). *pp. 28.* 8⁰. *Åbo*, 1889.

SPOTTISWOODE (William) [1825–1883] A Tarantasse journey through Eastern Russia in . . . 1856. *pp. x, 258 : 8 pls., 1 map, text illust.* 8⁰. *London*, 1857.

Spottiswoode (W.) [Polarisation of Light. 8⁰. *London*, 1874.]

Wanting.

—— Fourth edition. *pp. viii, 151 : 2 pls. col.* 8⁰. *London*, 1883.

Nature Series.

SPRAGUE (Isaac) [–1895] The Genera of the Plants of the United States illustrated . . . by I. Sprague, *&c.* 2 Vol. *See* Gray (A.) Genera Floræ Americæ Boreali-Orientalis illustrata, *&c.* 8⁰. 1848–49.

Sprague (I.) Wild Flowers of America. With fifty colored plates, from original drawings by I. Sprague. Text by G. L. Goodale. *pp. 210 : illust.* 4⁰. *Boston*, [*Mass.*, 1876–] 1882.

Sprague (I.) Plates prepared [by I. Sprague], between the years 1849 and 1859, to accompany a Report on the Forest Trees of North America, by Asa Gray. *See* Smithsonian Institution. fol. 1891.

SPRAGUE (Thomas Archibald) [1877–] [Bignoniaceæ, Hernandiaceæ and Loranthaceæ of Tropical Africa.] *See* Oliver (D.) Flora of Tropical Africa, *&c.* Vol. IV, sect. 2 ; VI. 8⁰. 1906–11.

SPRATT (George) [fl. 1829–1893] Flora Medica : containing coloured delineations of the various medicinal Plants admitted into the . . . Pharmacopœias . . . Edited by a member of the Royal College of Physicians [*i.e.* G. Spratt], *&c.* 2 Vol. *See* Flora Medica. 8⁰. 1829–30.

Spratt (G.) Medical Botany . . . Third edition . . . The new medico-botanical portion supplied by G. Spratt, *&c.* 5 Vol. *See* Woodville (W.) fol. 1832.

Spratt (G.) The Medico-Botanical Pocket-Book, comprising a compendium of Vegetable Toxicology, illustrated with . . . figures with their botanical descriptions, poisonous effects . . . etc., to which is added an appendix . . . on . . . Mineral and other Poisons, *&c. pp. x, 118 : 15 pls. col., text illust.* 8⁰. *London* [1836].

SPRATT (Thomas Abel Brimage) [1811–1888] [On the Geology of Malta and Gozo. 8⁰. *Malta*, 1852.]

Wanting.

—— Second edition. *pp. 16 : 4 pls.* (*col.*) 8⁰. [*London*, 1854.]

With an autograph letter by the author.

Spratt (T. A. B.) Travels and researches in Crete. 2 Vol. *illust.* 8⁰. *London*, 1865.

Appendix contains :—
IV. On the Geology of Crete.
V. Birds noticed in the Island of Crete . . . by Col. H. M. Drummond-Hay.
VI. On the Land Shells of Crete.

Spratt (T. A. B.) & **Forbes** (E.) Travels in Lycia, Milyas, and the Cibyratis, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1847.

SPREAFICO (Emilio) & **Negri** (G. de) Saggio sulla Geologia dei dintorni di Varese e di Lugano, *&c.* *pp. 22 : 2 pls. col., 1 map geol. col.* *See* Milan.—Reale istituto lombardo di scienze e lettere. Memorie, *&c.* Vol. xi. 4⁰. 1870.

SPRENGEL (Anton) [-1851] Commentatio de Psarolithis, ligni fossilis genere. *pp. 42 : 1 pl.* 8⁰. *Halæ*, 1828.

Sprengel (A.) C. Linnæi . . . Systema Vegetabilium. Editio decima sexta curante C. Sprengel . . . Volumen v sistens indicem generum, specierum et synonymorum, auctore A. Sprengel. *See* Linnæus (C.) [*Botanical Works.—Syst. Veg.*] 8⁰. 1828.

Sprengel (A.) Tentamen Supplementi ad Systematis Vegetabilium Linnæani editionem decimam sextam. Dissertatio Botanica . . . publice defendet A. Sprengel, *&c.* *pp. 35.* 8⁰. *Gottingæ*, 1828.

Sprengel (A.) Anleitung zur Kenntniss aller in der Umgegend von Halle wildwachsenden phanerogamischen Gewächse. *pp. vi, 538.* 8⁰. *Halle*, 1848.

Sprengel (A.) Grundriss der Mineralogie. *pp. 180.* 8⁰. *Stuttgart*, 1852.

Reprinted from Döbereiner's "Deutsches Apothekerbuch," Thl. ii.

SPRENGEL (Carl) [1788–1859] Meine Erfahrungen im Gebiete der allgemeinen und speciellen Pflanzen-Cultur. 2 Bd. [in 1.] 8⁰. *Leipzig*, 1847–50.

SPRENGEL (Christian Konrad) [1750–1816] Das entdeckte Geheimniss der Natur im Bau und in der Befruchtung der Blumen. [*pp. iv,*] *coll. 444* [*pp. 4*] : *25 pls.* 4⁰. *Berlin*, 1793.

Printed in double column.

SPRENGEL (Curtius) *See* Sprengel (K. P. J.)

SPRENGEL (Gulielmus) [1792–] C. Sprengel . . . prolusione hac de Frumentorum, maxime secales, antiquitatibus disputationem publicam filii G. Sprengel . . . indicit. *See* Sprengel (K. P. J.) 4⁰. 1816.

SPRENGEL (Kurt Polycarp Joachim) [1766–1833] B. Bergius über die Leckereyen. Aus dem Schwedischen, mit Anmerkungen von . . . K. Sprengel. 2 Thl. [in 1 Vol.] *See* Bergius (B.) 8⁰. 1792.

Sprengel (K. P. J.) Antiquitatum Botanicarum specimen primum. *pp. viii, 110 : 2 pls.* 4⁰. *Lipsiæ*, 1798.

Sprengel (K. P. J.) Der Botanische Garten der Universität zu Halle im Jahre 1799. *pp. xxiii, 108 : 1 plan.* 8⁰. *Halle*, 1800.

—— Erster Nachtrag, *&c.* *pp. 44.* 8⁰. *Halle*, 1801.

Sprengel (K. P. J.) De Plantarum epidermide . . . cum præfatione Sprengelii, *&c.* *See* Krocker (A.) 8⁰. 1800.

Sprengel (K. P. J.) Anleitung zur Kenntniss der Gewächse. 3 Pt. [in 2 Vol.] *illust.* 8⁰. *Halle*, 1802, 04.

i. Von dem Bau der Gewächse und der Bestimmung ihrer Theile.
ii. Von der Kunstsprache und dem System.
iii. Einleitung in das Studium der kryptogamischen Gewächse.

—— [Another edition entitled :] K. Sprengel's Anleitung zur Kenntniss der Gewächse. Zweite . . . Ausgabe. 2 Thl. [in 3 Vol.] 8⁰. *Halle*, 1817–18.

Botanische Briefe an . . . K. Sprengel . . . Ein Anhang zu seiner Einleitung in das Studium der kryptogamischen Gewächse, *&c.* *See* Weber (F.) *Botanist.* 8⁰. 1804.

Sprengel (K. P. J.) An Introduction to the study of Cryptogamous Plants . . . Translated from the German [by C. D. E. König]. *pp. viii, 411 : 10 pls.* 8⁰. *London*, 1807.

Sprengel (K. P. J.) *See* Gartenzeitung . . . herausgegeben von K. Sprengel. Bd. i–iv.† 4⁰. 1804–06.

Sprengel (K. P. J.) C. Sprengel . . . Floræ Halensis tentamen novum. *pp. xvi, 420 : 12 pls.* 8⁰. *Halæ Saxonum*, 1806.

—— Mantissa prima, *&c.* (Novarum Plantarum ex Herbario meo centuria.) *pp. 58.* 8⁰. *Halæ*, 1807.

The "Mantissa" was also issued as a thesis under the title "Observationes Botanicæ in Floram Halensem," *&c.*, C. L. Jungck [*q.v.*] being the respondent, and Sprengel's name suppressed.
The second part was reprinted to form another thesis entitled :—"Plantarum novarum ex Herbario Sprengelii centuriam," *&c.*, J. F. T. Biehler [*q.v.*] being the respondent and no præses named.

—— Observationes Botanicæ in Floram Halensem. Mantissa secunda. *pp. 31.* 8⁰. *Halæ*, 1811.

F. G. Wallroth . . . Annus Botanicus, sive Supplementum tertium ad C. Sprengelii Floram Halensem. *See* Wallroth (C. F. W.) 8⁰. 1815.

F. G. Wallroth . . . Schedulæ criticæ de Plantis Floræ Halensis selectis. Corollarium novum ad C. Sprengelii Floram Halensem, *&c.* *See* Wallroth (C. F. W.) 8⁰. 1822.

—— Editio secunda, *&c.* 2 Pt. *pp. 763.* 8⁰. *Halæ*, 1832.

Sprengel (K. P. J.) Plantarum novarum ex Herbario Sprengelii centuriam, speciminis loco inauguralis, *&c.* *See* Biehler (J. F. T.) 8⁰. 1807.

Also issued as an appendix to Sprengel's "Mantissa prima Floræ Halensis," *&c.* [*q.v.* supra].

Sprengel (K. P. J.) C. Sprengel Historia Rei Herbariæ. 2 Tom. 8⁰. *Amstelodami*, 1807–08.

K. Sprengels Geschichte der Botanik. Neu bearbeitet. 2 Thl. *illust. col.* 8⁰. *Altenburg & Leipzig*, 1817–18.

Sprengel (K. P. J.) C. Linnæi Philosophia Botanica . . . Editio quarta studio C. Sprengel. *See* Linnæus (C.) [*Botanical Works.—Phil. Bot.*] 8⁰. 1809.

Sprengel (K. P. J.) K. Sprengel . . . von dem Bau und der Natur der Gewächse. *pp. ix, 654 : 14 pls.* 8⁰. *Halle*, 1812.

H. F. Link's . . Kritische Bemerkungen und Zusätze zu K. Sprengel's Werk über den Bau und die Natur der Gewächse. *See* Link (H. F.) 8⁰. 1812.

Sprengel (K. P. J.) Plantarum minus cognitarum pugillus primus (—secundus). 2 Pt. 8⁰. *Halæ*, 1813 (-15).

Sprengel (K. P. J.) C. Sprengel . . . Commentarius de partibus quibus Insecta spiritus ducunt. *pp. vi, 38 : 3 pls. col.* 4⁰. *Lipsiæ*, 1815.

Sprengel (K. P. J.) C. Sprengel . . . prolusione hac de Frumentorum, maxime secales, antiquitatibus disputationem publicam filii G. Sprengel . . . indicit. *pp.* [*ii,*] *8*: 4⁰. *Halæ*, 1816.

Sprengel (K. P. J.) Species Umbelliferarum minus cognitæ. *pp. x, 154 : 7 pls.* 4⁰. *Halæ*, 1818.

Sprengel (K. P. J.) *See* Jahrbuecher der Gewaechskunde. Herausgegeben von K. Sprengel, *&c.* Bd. i.† 8⁰. (1818–) 1820.

Sprengel (K. P. J.) Novi proventus Hortorum Academicorum Halensis et Berolinensis. Centuria specierum minus cognitarum, quæ vel per annum 1818 in Horto Halensi et Berolinensi floruerunt, vel siccæ missæ fuerunt. *pp. 48.* 8⁰. *Halæ* [1819].

Sprengel (K. P. J.) Umbelliferas digessit C. Sprengel. *See* LINNÆUS (C.) [*Botanical Works.—Syst. Veg.*] C. a Linné . . . Systema Vegetabilium . . . editio nova . . . curantibus J. J. Rœmer et J. A. Schultes. Vol. VI. 8⁰. 1820.

Sprengel (K. P. J.) *See* NEUE ENTDECKUNGEN IM GANZEN UMFANG DER PFLANZENKUNDE, herausgegeben von K. Sprengel. Bd. I–III.† 8⁰. 1820–22.

Sprengel (K. P. J.) Theophrast's Naturgeschichte der Gewächse. Uebersetzt und erläutert von K. Sprengel. 2 Thl. *See* THEOPHRASTUS. 8⁰. 1822.

Sprengel (K. P. J.) C. Linnæi . . Systema Vegetabilium. Editio decima sexta curante C. Sprengel. 5 Vol. *See* LINNÆUS (C.) [*Botanical Works.—Syst. Veg.*] 8⁰. 1825–28.

Sprengel (K. P. J.) Memoria O. Swartzii, *&c.* *See* SWARTZ (O.) Adnotationes Botanicæ, *&c.* 8⁰. 1829.
Reprinted from the "Nova Acta Acad. Cæs. Leop.-Carol." Tom. X, 1821.
An English translation appeared in Brewster's "Edinburgh Phil. Journ." Vol. VIII, 1823.

Sprengel (K. P. J.) P. Dioscoridis Anazarbei de Materia Medica libri quinque. Ad fidem codicum manuscriptorum . . recensuit C. Sprengel (Libri περι δηλητηριων ἰοβολων και εὐπορισταων spurii . . . edidit C. Sprengel). 2 Tom. GR. & LAT. *See* DIOSCORIDES (P.) 8⁰. 1829–30.

Sprengel (K. P. J.) C. Linnæi . . . Genera Plantarum . . . editio nona curante C. Sprengel, *&c.* 2 Tom. [in 1.] *See* LINNÆUS (C.) [*Botanical Works.—Gen. Plant.*] 8⁰. 1830–31.

Sprengel (K. P. J.) & **Candolle** (AUG. P. DE) Elements of the Philosophy of Plants, *&c.* *See* CANDOLLE (AUG. P. DE) & SPRENGEL (K. P. J.) 8⁰. 1821.

SPRENT (C. P.) Sketch map: general Geological features of Tasmania. Geological features compiled by C. P. Sprent . . . Scale 15 miles to an inch. *See* TASMANIA. [*Maps.*] s.sh. *col.* 1885.

SPRIESTERSBACH (JULIUS) & **Fuchs** (A.) Die Fauna der Remscheider Schichten. *pp.* [*i,*] *81 : 12 pls.* *See* PRUSSIA. — *Koeniglich - Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. LVIII. 8⁰. 1909.

SPRIGIN (J.) *See* SPRUIGHĪN (Ī. Ī.)

SPRING (FRÉDÉRIC ANTOINE) [1814–1872] Ueber die naturhistorischen Begriffe von Gattung, Art und Abart, über die Ursachen der Abartungen in den organischen Reichen. Eine Preisschrift. *pp. viii, 184.* 8⁰. *Leipzig*, 1838.

Spring (F. A.) Lycopodineæ. *See* MARTIUS (C. F. P. VON) Flora Brasiliensis, *&c.* Vol. I, pt. 2. fol. 1840.

Spring (F. A.) Enumeratio Lycopodinearum, quas in ejusdem Plantarum ordinis monographia mox edenda descripsit. 3 Pt. *pp. 35.* 8⁰. [*Brussels*, 1841–43.]
Bull. Acad. Roy. Sci. de Bruxelles. Tom. VIII & X.

Spring (F. A.) Monographie de la Famille des Lycopodiacées, *&c.* 2 Pt. *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* (Nouveaux) Mémoires, *&c.* Tom. XV & XXIV. 4⁰. 1842, 50.

Spring (F. A.) Lycopodineæ. *See* FRANCE. [*Voyages, &c.—Bonite.*] Voyage autour du monde . . . sur . . . la Bonite, *&c.* Botanique. 8⁰. 1846.

Spring (F. A.) Lycopodineæ. *See* JUNGHUHN (F. W.) Plantæ Junghuhnianæ, *&c.* 8⁰. [1851–55.]

SPRINGER (FRANK) [1848–] *Uintacrinus*: its structure and relations. (—*Cleiocrinus.*) *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XXV, no. 1 & 2. 4⁰. 1901, 05.

Springer (F.) & **Wachsmuth** (C.) Revision of the Palæocrinoidea, *&c.* *See* WACHSMUTH (C.) & SPRINGER (F.) 8⁰. 1879–86.

Springer (F.) & **Wachsmuth** (C.) New species of Crinoids and Blastoids from the Kinderhook group of the Lower Carboniferous Rocks at Le Grand, Iowa; and a new genus from the Niagara Group of Western Tennessee. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VIII, pt. 2, sect. 2. 4⁰. 1890.

Springer (F.) & **Wachsmuth** (C.) The North American Crinoidea Camerata. 2 Vol. & Atlas. *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XX & XXI. 4⁰. 1897.

SPRINGFIELD. — Illinois State Museum of Natural History. [Established 1877.]
Bulletin, *&c.* No. 2–12.† 4⁰. *Springfield, Ill.*, 1884–97.
Each number consists of a separately-paged paper.

SPROCKHOFF (A.) A. Sprockhoff's Grundzüge der Mineralogie . . . Zweite . . . Auflage, *&c.* *pp. xvi, 272 : text illust.* 8⁰. *Hannover*, 1891.
The first edition appeared in 1882.

SPRONCK (C. H. H.) Étude sur les Vibrions cholériques isolés des déjections et rencontrés dans les eaux en Hollande pendant les épidémies de 1892 et 1893. *pp. 54.* *See* AMSTERDAM. — KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Deel III, no. 12. 8⁰. 1894.

SPRUCE (RICHARD) [1817–1893] Notes on the Botany of the Pyrenees. 2 Pt. 8⁰. [*London*,] 1846.
Hooker's London Journal of Botany. 1846.

Spruce (R.) Report on the Expedition to procure seeds and plants of the *Cinchona succirubra*, or Red Bark Tree. [With Note by Sir C. R. Markham, K.C.B., respecting the Map to illustrate the "Red Bark" region of Ecuador.] *pp. 112 : 1 map.* 8⁰. *London*, 1861 [*i.e.* 1862].
The pen-and-ink corrections written in this copy by Sir C. R. Markham, K.C.B., were received from Spruce after he had seen the printed report.

Spruce (R.) Statement of the results of . . . R. Spruce's travels in the Valley of the Amazon, and in the Andes of Peru and Ecuador. (Note by Mr. Bentham . . . on Mr. Spruce's services to Botany.) *pp. 7.* 8⁰. [*London*, 1864.]
Apparently privately printed in connection with the application made for a pension.

Spruce (R.) Catalogus Muscorum fere omnium quos in terris Amazonicis et Andinis, per annos 1849–60, legit R. Spruceus. *pp. 22.* 8⁰. *Londini*, 1867.
Printed on one side of the paper only.

Spruce (R.) On *Cephalozia* (a genus of Hepaticæ), its subgenera and some allied genera. *pp. vi, 96* [*5*]. 8⁰. *Malton*, 1882.

Spruce (R.) Hepaticæ of the Amazon and of the Andes of Peru and Ecuador. *pp. xi, 588 : 22 pls.* 4⁰. *London & Edinburgh*, 1885.
Trans. Bot. Soc. Edinburgh. Vol. XV.
An alternative title reads :—Hepaticæ Amazonicæ et Andinæ quas in itinere suo per tractus montium et fluviorum Americæ Æquinoctialis . . . decerpsit . . . R. Spruce.

SPRUIGHĪN (Īvan Īvanovīch) Materialui k Florye ghuberniĭ Penzenskoĭ ī Saratovskoĭ.—Materialien zur Flora der Gouv. Pensa und Ssaratov. *pp. 75. See* Kazan. — obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xxix, vuip. 6. 8⁰. 1896.

Spruighīn (Ī. Ī.) Pochvennuiya ī Botanīcheskiya Īzsledovaniya v Penzenskom ī Ghorodīshchenskom uyezdakh v 1896–99 ghgh. — Boden- und Florauntersuchungen im Pensa- und Gorodistschebezirke in Jahr. 1896–1899. *pp. 60.* russ. *See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xxxiii, vuip. 5. 8⁰. 1900.

Spruighīn (Ī. Ī.) Pochvennuiya ī Botanīcheskiya Īzslyedovaniya v Mokshanskom ī Ghorodīshchenskom uyezdakh Penzenskoĭ ghuberniī.—Boden- und Florauntersuchungen im Mokschan- und Gorodistschebezirke des Gouvernement Pensa. *pp. 10. See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya No. 226. 8⁰. 1904.

Spruighīn (Ī. Ī.) Sosna ī eya sputnīkī v Penzenskom uyezdye. [The Fir and its companions in the Pensa district.] *pp. 158, xxii : 1 map. See* Kazan. — obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xli, vuip. 3. 8⁰. 1908.

SPRY (Frank Palmer) & **Anderson** (E.) Victorian Butterflies and how to collect them. *See* Anderson (E.) & Spry (F. P.) 8⁰. 1893–94.

SPRY (Henry Harpur) [1804–1842] Suggestions received by the Agricultural and Horticultural Society of India for extending the cultivation and introduction of useful and ornamental Plants . . . compiled by H. H. Spry. *See* Agricultural & Horticultural Society of India. 4⁰. 1841.

SPRY (William J.) & **Shuckard** (W. E.) The British Coleoptera delineated, consisting of figures of all the genera of British Beetles, drawn in outline by W. Spry . . . edited by W. E. Shuckard. *pp. vii, 83 : 94 pls.* 8⁰. *London*, 1840.

SPRY (William James Joseph) [-1906] The Cruise of H.M.S. "Challenger," *&c. pp. xviii, 388 : 12 pls., 1 map, text illust.* 8⁰. *London*, 1876.

SPRYGIN (J.) *See* Spruighīn (Ī. Ī.)

SPULER (Arnold) Uebersicht der Lepidopteren-Fauna des Grossherzogtums Baden . . . von C. Reutti . . . Zweite Ausgabe. Herausgegeben von A. Mees und A. Spuler. *pp. xii, 361, 1 tab. See* Carlsruhe.—naturwissenschaftlicher verein. Verhandlungen, *&c.* Bd. xii. 8⁰. 1898.

Spuler (A.) Die Schmetterlinge Europas, von . . . A. Spuler. Dritte Auflage von E. Hofmanns gleichnamigem Werke. 4 Bd. *illust. col. See* Hofmann (E.) *of Stuttgart.* 4⁰. [1901–] 1910.

SPURR (Josiah Edward) [1870-] The Iron-bearing Rocks of the Mesabi range in Minnesota. *pp. viii, 268 : 12 pls. (3 col.), text illust. See* Minnesota, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 10. 8⁰. 1894.

Spurr (J. E.) Geology of the Aspen mining district, Colorado. *pp. xxxv, 260 . 43 pls. col.* Atlas, *12 pls. col. . 15 maps col. See* United States. — *Geological Survey.* Monographs, *&c.* Vol. xxxi. 4⁰. & fol. 1898.

Spurr (J. E.) Descriptive Geology of Nevada, south of the Fortieth Parallel and adjacent portions of California. *pp. 229 : 6 pls., 2 maps (col.), text illust. See* United States.—*Geological Survey.* Bulletin No. 208. 8⁰. 1903.

Spurr (J. E.) The Ore deposits of Tonopah, Nevada. (Preliminary Report.) *pp. 31 : 1 map, text illust. See* United States. — *Geological Survey.* Bulletin No. 219. 8⁰. 1903.

Spurr (J. E.) Geology of the Tonopah mining district, Nevada. *pp. 295 : 12 pls., 12 maps & plans (5 col.), text illust. See* United States.—*Geological Survey.* Professional Paper No. 42. 4⁰. 1905.

Spurr (J. E.) Ore deposits of the Silver Peak Quadrangle, Nevada. *pp. 174 : 23 pls., 1 map geol. col., text illust. See* United States.—*Geological Survey.* Professional Paper No. 55. 4⁰. 1906.

Spurr (J. E.) & **Garrey** (G. H.) Economic Geology of the Georgetown Quadrangle (together with the Empire district), Colorado . . . With General Geology by S. H Ball. *pp. 422 : 76 pls. (4 col.), 11 maps geol. col., text illust. See* United States.—*Geological Survey.* Professional Paper No. 63. 4⁰. 1908.

SPURZHEIM (Johann Gaspar) [1776–1832] & **Gall** (F. J.) Anatomie et physiologie du Système Nerveux en général, et du Cerveau en particulier, *&c.* Vol. i & ii & Atlas. *See* Gall (F. J.) & Spurzheim (J. G.) fol. 1810–12.

Spurzheim (J. G.) & **Gall** (F. J.) The Physiognomical System of Drs. Gall and Spurzheim, *&c. See* Gall (F. J.) & Spurzheim (J. G.) 8⁰. 1815.

Spurzheim (J. G.) & **Gall** (F. J.) Reflections on Gall and Spurzheim's System of Physiognomy and Phrenology. *See* Abernethy (J.) 8⁰. 1821.

SQUANCE (Thomas Coke) [Description of a prehistoric Human Skull found in a cave at Ryhope, near Sunderland.] 8⁰. [*Newcastle-on-Tyne*, 1912.]

Proc. Soc. Antiquaries of Newcastle-on-Tyne. Ser. III, vol. v, no. 26 (1912), *pp. 242-243 : 1 pl.*

SQUIER (Ephraim George) [1821–1888] Tropical Fibres: their production and economic extraction. *pp. 64 : 16 pls. col.* 8⁰. *New York*, 1861.

Squier (E. G.) & **Davis** (E. H.) Ancient Monuments of the Mississippi Valley, *&c.* [Contains in chap. xvi an account of the metals, minerals, fossils, shells, &c., found in the burial mounds.] *See* Smithsonian Institution. Smithsonian Contributions to Knowledge. Vol. i. 4⁰. 1847.

SQUINABOL (Senofonte) [1861–] Della distribuzione geografica delle Piante in rapporto colle cause influenti sulla loro vita e colle epoche geologiche antecedenti. *pp. 77.* 8⁰. *Genova*, 1886.

Giorn. Soc. Lett. Conver. Sci. Fasc. i, sem. ii.

Squinabol (S.) Contribuzione alla Flora fossile del terreni Terziarii della Liguria. 5 Pt. 8⁰. *Genova*, 1889–92.

i. Alghe. *pp. xxv : 5 pls.* 1891.
[Based on the author's paper in the "Boll. Soc. Geol. Ital." Vol. vi, fasc. 4, 1888.]
ii. Caracee-Felci. Saggio bibliografico delle Opere di Paleontologia vegetale Italiana del Secolo presente, *&c. pp. 69 : 12 pls.* 1889.
Supplemento alle Crittogame. Appendice al Saggio bibliografico. *pp 16.* 1891.
[Issued with Pt. iii.]
iii. Gimnosperme. *pp. 48 : 6 pls.* 1891.
iv. Monocotiledoni. *pp. 107 : 12 pls.* 1892.

Squinabol (S.) Radiolarie Cretacee degli Euganei. *pp. 76 : 10 pls., text illust.* 8⁰. *Padova*, 1904.

Squinabol (S.) & **Issel** (A.) Carta Geologica della Liguria e dei territori confinanti, 1 : 200,000 [*i.e.* 1 in. = 3 m. about], *&c.* *See* LIGURIA. [*Maps.*] 2 sh. 1890.

—— [Another issue.] *See* ISSEL (A.) Liguria, *&c.* Atlas. 1892.

—— Note esplicative della Carta, *&c.* *See* ISSEL (A.) & SQUINABOL (S.) 8⁰. 1891.

Squinabol (S.) & **Meschinelli** (A.) Flora Tertiaria Italica. *See* MESCHINELLI (A.) & SQUINABOL (S.) 8⁰. 1892.

SQUINABOL (X.) *See* SQUINABOL (S.)

SQUIRE (JOHN) [1780–1812] Travels through part of the antient Cœle Syria, and Syria Salutaris. *See* WALPOLE (R.) Travels in various countries in the East, *&c.* XVIII. 4⁰. 1820.

SQUIRE (JOSEPH) Report on the Cahaba Coal Field, *&c.* *See* ALABAMA, *State of.—Geological Survey.* 8⁰. 1890.

SRDÍNKO (OTAKAR V.) O stavbě a vývinu nadledvinky Žab. [On the structure and development of the suprarenals of the Frog.] *pp. 28 : 3 pls. col.* *See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. VII, čís. 12. 8⁰. 1898.

Srdínko (O. V.) Studie o histologii a histogenesi Chrupavky. II, III. [Studies on the histology and histogenesis of Cartilage. II, III.] *pp. 20 : 1 pl. (col.)* *See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XI, čís. 23. 8⁰. 1902.

Srdínko (O. V.) O vývoji nadledviny u Lophobranchû. [On the development of the suprarenals in the Lophobranchia.] *pp. 6 : 1 pl.* *See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVI, čís. 12. 8⁰. 1907.

SREDĪNSKIĬ (NĪKOLAĬ KĪRĪLOVĪCH) Materialui dlya Florui Novorossiĭskagho kraya ī Bessarabiĭ. [Contribution to the Flora of the New Russia province and Bessarabia.] 5 Pt. *See* ODESSA. — NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. I & II. 8⁰. 1872–73.

Sredīnskiĭ (N. K.) Ocherk rastītel'nostī Rionskagho basseĭna. [A short description of the basin of the Rion (Caucasus).] *See* ODESSA. — NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. II. [Pt. 3.] 8⁰. 1874.

SSEREBRJAKOW (N.) *See* SEREBRYAKOV.

SSIJASOW (A. D.) *See* SIYAZOVA.

SSUCHOTERIN (M. S.) *See* SUKHOTERĪN.

STAATSMUSEUM DER ZUID-AFRIKANSCHE REPUBLIEK. *See* PRETORIA. — *Transvaal Museum and Zoological Gardens.*

STABILE (JOS.) *Abbé.* *See* STABILE (L. A. M. G.)

STABILE (LUIGI ANGELO MARIA GIUSEPPE) [1821–1869] Prospetto sistematico-statistico dei Molluschi terrestri e fluviali viventi nel territorio di Lugano (Svizzera Italiana). *pp. 67.* 8⁰. *Milano*, 1859.
Atti Soc. Geol. Milano. Vol. I.

Stabile (L. A. M. G.) Fossiles des environs du lac de Lugano. *pp. 32.* 8⁰. *Lugano*, 1861.

Stabile (L. A. M. G.) Mollusques terrestres vivants du Piémont. *pp. 141 : 2 pls. (col.)* *See* MILAN. — SOCIETÀ ITALIANA DI SCIENZE NATURALI. Atti, *&c.* Vol. VII. 8⁰. 1864.

STACHE (GUIDO CAROLUS HENRICUS) *See* STACHE (K. H. H. G.)

STACHE (KARL HEINRICH HECTOR GUIDO) [1833–] De Casuarinis nunc viventibus et fossilibus nonnulla. Dissertatio inauguralis Palæontologico-Botanica, *&c.* *pp.* [*i*,] *44.* 8⁰. *Vratislaviæ* [1855].

Stache (K. H. H. G.) Die Foraminiferen der Tertiären Mergel des Whaingaroa-Hafens (Provinz Auckland). *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59, *&c.* Geologischer Theil. Bd. I, abth. 2. 4⁰. 1865.

Stache (K. H. H. G.) Fragmente einer Afrikanischen Kohlenkalkfauna aus dem Gebiete der West-Sahara. Bericht über die Untersuchung der von O. Lenz auf der Reise von Marokko nach Timbuktu gesammelten paläozoischen Gesteine und Fossilreste. *pp. 50 : 7 pls.* 4⁰. *Wien*, 1883.
Denkschr. k. Akad. Wissensch. Wien. Bd. XLVI.

Stache (K. H. H. G.) Die Liburnische Stufe und deren Grenz-Horizonte. Eine Studie über die Schichtenfolgen der Cretacisch-Eocänen oder Protocänen Landbildungsperiode im Bereiche der Küstenländer von Oesterreich-Ungarn. Erste Abtheilung. — Geologische Uebersicht und Beschreibung der Faunen- und Floren-Reste. *pp. 170 : 8 pls., 1 map col.* *See* AUSTRIA-HUNGARY. — KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. XIII, hft. 1. 4⁰. 1889.

Stache (K. H. H. G.) & **Hauer** (F. VON) Geologie Siebenbürgens. *See* HAUER (F. VON) & STACHE (K. H. H. G.) 8⁰. 1863.

STACKHOUSE (JOHN) [1742–1819] Nereis Britannica; continens species omnes Fucorum in Insulis Britannicis crescentium: descriptione Latina et Anglica, *&c.* (An appendix, containing species recently delineated, *&c.* *pp. xxxix, 112 : 17 pls. col.* ([*pp. 8 :*] *7 pls. col.*) fol. *Bathoniæ & Londini*, (1795–) 1801.
There is a second title-page in English. The title to No. 1, which is in Latin and English, reads "Nereis Britannica, sive Fuci, Ulvæ et Confervæ in Insulis Britannicis crescentes," *&c.*
Six of the plates in the appendix are water-colour drawings.

—— Editio altera, nova addita classificatione Cryptogamiarum respectu generis Fuci. *pp. xii, 68 : 20 pls.* LARGE PAPER. 4⁰. *Oxonii*, 1816.

Stackhouse (J.) Illustrationes Theophrasti (Catalogus alphabeticus Plantarum Theophrasti, descriptionibus singularum, *&c.* — Tabula Systematica, Linneana Plantarum Theophrasti. — Lexicon Theophrasti), *&c.* *pp. viii, 83, 91 : 1 pl., 1 port.* 8⁰. *Oxonii*, 1811.

Examen d'un ouvrage qui a pour titre : Illustrationes Theophrasti . . . Auctore J. Stackhouse, *&c.* [By J. J. Paulet.] *pp. 61.* 8⁰. *Melun & Paris*, 1816.

Stackhouse (J.) Of the Grasses mentioned by Theophrastus. [By J. Stackhouse, founded upon memoranda left by B. Stillingfleet.] *See* STILLINGFLEET (B.) Literary Life and Select Works, *&c.* Vol. II. 8⁰. 1811.

Stackhouse (J.) Theophrasti Eresii de Historia Plantarum libri decem, Græce. Cum syllabo generum et specierum, glossario et notis. Curante J. Stackhouse. 2 Vol. *See* THEOPHRASTUS. 8⁰. 1813–14.

Stackhouse (J.) De Libanoto, Smyrna, et Balsamo, Theophrasti notitiæ, addita de Mnasio et Sari apud eundem conjectura, *&c.* *pp. 15.* 8⁰. *Oxonii*, 1814.

Stackhouse (J.) Extracts from Bruce's Travels in Abyssinia and other modern authorities, respecting the Balsam and Myrrh Trees, illustrative of the Natural History of Theophrastus, and other ancient writers, with notes, *&c. pp. xxi : 3 pls.* 8⁰. *Bath*, 1815.

STADE (HANS) [*c.*1520–*post* 1557] Americæ . . . provinciæ Brasiliæ historiam continēs, Germanico primum sermone scriptam a J. Stadio . . . nunc autem Latinitate donatum a T. Annæo Privato Colchanthe. *See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*America. Latin.*] Americæ tertia pars, *&c.* Pt. III.— fol. 1592.

Stade (H.) The Captivity of H. Stade . . . in A.D. 1547–1555, among the wild tribes of Eastern Brazil, *&c. See* HAKLUYT SOCIETY. Works, *&c.* No. 51. 8⁰. 1874.

STADELMANN (HERMANN) Die Hymenopteren Ost-Afrikas. *See* DEUTSCH-OST-AFRIKA. Bd. IV. 8⁰. 1897.

STADELMEYER (ERNST) Dissertatio inauguralis. Echitis species Brasilienses novæ, descriptæ et adumbratæ. *pp. vi, 80 : 1 pl.* 8⁰. *Monachii*, 1840.

STADERINI (RUTILIO) Intorno alle cavità premandibolari del *Gongylus ocellatus* e al loro rapporto con la tasca ipofisaria di Rathke. 1ª Nota. *pp. 8 [2] : 1 pl. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIII, mem. 12. 4⁰. 1900.

STADIUS (JOANNES) *See* STADE (H.)

STADLER (S.) Beiträge zur Kenntniss der Nectarien und Biologie der Blüthen. *pp. iv, 88 : 8 pls.* 8⁰. *Berlin*, 1886.

STADLINGER (HERMANN) [1875–] Ueber die Bildung von Pseudophit in granitischen Gesteinen, mit besonderer Berücksichtigung der geologischen Verhältnisse des Strehlerberges bei Markt-Redwitz im Fichtelgebirge. Inaugural-Dissertation, *&c. pp. 63 : 1 map geol. col., text illust.* 8⁰. *Erlangen*, 1900.

STADTLAENDER (CARL) [1859–] Beiträge zur Kenntniss der am Stempel bei Marburg vorkommenden Mineralien : Analcim, Natrolith und Phillipsit. Inaugural-Dissertation, *&c. pp. 39 : 1 pl.* 8⁰. *Stuttgart*, 1885.

STAEDTISCHES MUSEUM CAROLINO-AUGUSTEUM. *See* SALZBURG.

STAEDTISCHES NATURHISTORISCHES MUSEUM IN BERN. *See* BERNE.

STAEHELIN (CHRISTOPH) [1804–1870] Untersuchung der Badequellen von Meltingen, Eptingen und Bubendorf, im Sommer 1826. *pp. 13. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. II. 4⁰. 1838.

STAF (PETRUS ADAMUS) Museum naturalium Academiæ Upsaliensis. Cujus Append. XXIII . . . resp. P. A. Staf, *&c. See* THUNBERG (C. P.) 4⁰. [1816.]

STAFF (HANS VON) Adatok a Gerecsehegység stratigraphiai és tektonikai viszonyaihoz. *pp. 49 [1] : 1 map geol. col., text illust.*—Beiträge zur Stratigraphie und Tektonik des Gerecse-Gebirges. *pp. 51 : 1 map geol. col., text illust. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XV, füz. 3. 8⁰. 1906.

Staff (H. VON) Megjegyzések Staff J. "Adatok a Gerecse-Hegység stratigraphiai és tektonikai viszonyaihoz" czimű munkája stratigraphiai részéhez. *pp. 18.*— Bemerkungen zum stratigraphischen Teil der Arbeit H. v. Staffs : "Beiträge zur Stratigraphie und Tektonik des Gerecse-Gebirges." *pp. 19. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XVI, füz. 1. 8⁰. 1907.

Staff (H. VON) & **Reck** (H.) Einige neogene Seeigel von Java. *See* SELENKA (M. L.) *Frau.* Die *Pithecanthropus*-Schichten . . . Ergebnisse der (Selenka-) Trinil-Expedition (1907 und 1908), *&c.* 4⁰. 1911.

STAFF (JÁNOS) *See* STAFF (H. VON).

STAFFORD.—North Staffordshire Naturalists' Field Club and Archæological Society. *See* NORTH STAFFORDSHIRE NATURALISTS' FIELD CLUB, *&c.*

STAFFORD (HUGH) A curious account of the most valuable Cyder-Fruits of Devonshire. *See* LANGLEY (B.) Pomona : or the Fruit-Garden illustrated, *&c.* fol. 1729.

STAGNO. Ueber den Durchstich der Landenge von Stagno. [By Ludwig Salvator, Archduke of Austria.] *pp. [iii,] 87 : 8 pls. (col.), 1 map col. & map stamped on cover.* 4⁰. *Prag*, 1906.

STAHL (ALEXANDER FRIEDRICH) [1850–] Reisen in Nord- und Zentral-Persien. *pp. 39 : 3 maps. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXIV, no. 118. 4⁰. 1896.

Stahl (ALEXANDER F.) Zur Geologie von Persien. Geognostische Beschreibung von Nord- und Zentral-Persien. *pp. 72 : 1 pl. col., 3 maps geol. col. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXV, no. 122. 4⁰. 1897.

Stahl (ALEXANDER F.) Persien. *See* STEINMANN (J. H. C. G. G.) Handbuch der Regionalen Geologie, *&c.* Bd. V, abth. 6. 8⁰. 1911.

STÅHL (ANDREAS JOHANNES) & **Lammerus** (M.) Dissertatio de Ranis fossilibus, *&c.* Pt. I. *See* LAMMERUS (M.) & STÅHL (A. J.) 4⁰. 1786.

STAHL (AUGUSTIN) El Tortugo amarillo de Puerto-Rico (*Sideroxylon pallidum*, Spreng.) y las Sapotáceas. *pp. 22 : 1 pl. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. IV. 8⁰. 1875.

Stahl (AUGUSTIN) Estudios para la Flora de Puerto-Rico. 6 Vol. 8⁰. *Puerto-Rico*, 1883–88.

STAHL (CHRISTIAN ERNST) [1848–] Entwickelungsgeschichte und Anatomie der Lenticellen. Inaugural-Dissertation, *&c. coll. 36 : 1 pl.* 4⁰. *Halle a/S.*, 1873.
Botan. Zeitung. Jahrg. XXXI.

Stahl (C. E.) Beiträge zur Entwickelungsgeschichte der Flechten. 2 Hft. *illust. col.* 8⁰. *Leipzig*, 1877.

Stahl (C. E.) Ueber sogenannte Compasspflanzen. *pp. 12 : 1 pl.* 8⁰. *Jena*, 1881.

—— Zweite . . . Auflage. *pp. 16 : 1 pl.* 8⁰. *Jena*, 1883.
Jenaische Zeitschr. Naturw. Bd. XV.

Stahl (C. E.) Pflanzen und Schnecken. Eine biologische Studie über die Schutzmittel der Pflanzen gegen Schneckenfrass. *pp. 126.* 8⁰. *Jena*, 1888.
Jenaische Zeitschr. Naturw. Bd. XXII.

Stahl (C. E.) Die Schutzmittel der Flechten gegen Tierfrass. *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. XI. 4⁰. 1904.

STAHL (GEORG ERNST) [1660-1734] J. J. Beccheri... Physica subterranea . . . Editio novissima . . . Præfatione . . . præmissa . . . operam navavit et Specimen Beccherianum . . . subjunxit G. E. Stahl. *See* BECHER (J. J.) Physica subterranea, *&c.* 4⁰. 1738.

STÅHL (LORENS PER) [1794-1836] Dispositio Dipterorum synoptica, quam... subjicit L. Ståhl. *See* FALLÉN (C. F.) Diptera Sveciæ, *&c.* Vol. I. 4⁰. 1817.

—— [Another copy, without the original title.]

STAHL (R.) Aufbau, Entstehung und Geschichte Mecklenburgischer Torfmoore. *pp. 50, 1 tab. : 1 pl. See* MECKLENBURG.—*Grossherzoglich-Mecklenburgische Geologische Landesanstalt.* Mitteilungen, *&c.* No. XXIII. 4⁰. 1913.

STAHLBERG (WALTER) [1863-] Unsere Kalisalzlager: ein Geschenk des Meeres an den Deutschen Boden. *pp. 37 : text illust.* 8⁰. *Berlin*, 1909.

"Meereskunde," *&c.* Jahrg. III, hft. 7.

STAHLBERGER (EMIL) [-1875] Az Árapály a Fiume Öbölben, *&c.*—Die Ebbe und Fluth in der Rhede von Fiume, *&c.* *pp. 109.* 4⁰. *Budapest*, 1874.

STAIGER (KARL THEODOR) The Mineral industries of Queensland. *pp. 23. See* LONDON.—*Colonial and Indian Exhibition, 1886.* Queensland: its resources and institutions, *&c.* 8⁰. 1886.

STAINBANK (H. E.) Coffee in Natal: its culture and preparation, *&c.* *pp. viii, 78 : 4 pls.* 8⁰. *London*, 1874.

STAINIER (X.) Les Travertins des environs de Durbuy. *pp. 8 : text illust. See* BRUSSELS.—SOCIÉTÉ SCIENTIFIQUE. Annales, *&c.* Tom. XXXVI. (Mémoires.) 8⁰. 1912.

STAINTON (HENRY TIBBATS) [1822-1892] An attempt at a systematic catalogue of the British Tineidæ and Pterophoridæ. *pp. iv, 32.* 8⁰. *London*, 1849.

—— A supplementary catalogue, *&c.* *pp. 28.* 8⁰. *London*, 1851.

Stainton (H. T.) The Entomologist's Companion. *pp. iv, 75.* 12⁰. *London*, 1852.

—— Second edition. *pp. viii, 146.* 12⁰. *London*, 1854.

Stainton (H. T.) Bibliotheca Stephensiana, *&c.* [Compiled, with a memoir of Stephens, by H. T. Stainton.] *See* STEPHENS (J. F.) 4⁰. 1853.

Stainton (H. T.) [British] Lepidoptera. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. 16. 12⁰. 1854.

—— Pt. 5. By J. F. Stephens. [Second edition, revised by H. T. Stainton.] 12⁰. 1856.

Stainton (H. T.) Entomological Botany [by H. T. Stainton]. *See* ENTOMOLOGICAL BOTANY. 8⁰. [1854-56.]

Stainton (H. T.) Insecta Britannica. Lepidoptera: Tineina. *pp. viii, 313 : 10 pls.* 8⁰. *London*, 1854.

Forming part of a projected series by different authors under the common heading "Insecta Britannica."

—— First (—Third) annual supplement. 3 Pt. 8⁰. [*London*, 1854-56.]

Preprints from the "Entomologists' Annual," 1855-57.

Stainton (H. T.) The natural history of the Tineina... By H. T. Stainton, assisted by Prof. Zeller and J. W. Douglas ([and afterwards] Prof. Frey). 13 Vol. *illust. col.* 8⁰. *London, &c.*, 1855-73.

English, French, German and Latin in parallel columns.
The original manuscript and drawings are kept in the Zoological Department Library.

Stainton (H. T.) *See* ENTOMOLOGIST'S ANNUAL, *The*... Edited by H. T. Stainton. 1855-74. 20 Vol. 8⁰. 1855-74.

—— Vol. I. Second edition. 8⁰. 1855.

Stainton (H. T.) *See* ENTOMOLOGIST'S WEEKLY INTELLIGENCER, *The.* [Edited by H. T. Stainton.] Vol. I-X. 8⁰. 1856-61.

Stainton (H. T.) A Manual of British Butterflies and Moths. 2 Vol. *illust.* 12⁰. *London*, [1856-] 1857-59.

Copies of No. 1 and 33 in the original wrappers are kept in the Zoological Department.
With No. 33 there was issued a "Manual List of Tineina (Pterophorina and Alucitina)" printed on one side of the paper.
The work was issued in monthly parts as follows:—Vol. I, pt. 1-10, *pp. 1-240*, March-Dec., 1856; pt. 11-14, *pp. i-xii, 241-338*, Jan.-April, 1857; Vol. II, pt. 15-23, *pp. 1-216*, April-Dec., 1858; pt. 24-33, *pp. i-xi, 217-480* [8], Jan.-July, 1859.
Pt. 27 to 32 were issued in three double parts, whilst pt. 33 was probably also double.

Stainton (H. T.) Notes on the rarer Insects of Arran. *See* BRYCE (J.) Geology of Clydesdale and Arran, *&c.* [Second edition.] 8⁰. 1859.

—— Fourth edition. 8⁰. 1

Stainton (H. T.) *See* ENTOMOLOGIST'S MONTHLY MAGAZINE, *The*: conducted by... H. T. Stainton, *&c.* Vol. I-XXV, & Second Series, Vol. I-III. 8⁰. 1864-92.

Stainton (H. T.) British Butterflies and Moths: an introduction to the study of our native Lepidoptera. *pp. xii, 292 : 16 pls. col.* 8⁰. *London*, 1867.

Stainton (H. T.) The Tineina of Syria and Asia Minor. *pp. vi, 84.* 8⁰. *London*, 1867.

Stainton (H. T.) The Tineina of southern Europe. *pp. vii, 370.* 8⁰. *London*, 1869.

Stainton (H. T.) The Tineina of North America . . . with notes by . . . H. T. Stainton. *See* CLEMENS (B.) 8⁰. 1872.

Stainton (H. T.) The Larvæ of the British Butterflies and Moths. By . . . W. Buckler . . . edited by H. T. Stainton. Vol. I-V [pars]. *See* RAY SOCIETY. 8⁰. 1886-93.

Stainton (H. T.) [MS.] Novitates Staintonianæ, or Catalogue of British Lepidoptera added to the Collection of H. T. Stainton, Esqr., in the year 1842, *&c.* *pp.* [*ii,*] *78* [*3*] *: 6 pls. of original water-colour drawings.* 4⁰. [*Lewisham*, 1843.]

The "List of Subscribers" in Stainton's manuscript, following the Preface in P. B. Mason's copy, shows that twenty copies, in the author's characteristic copperplate autograph, were circulated.

STÅL (CARL) [1833-1878] Hemiptera (—Orthoptera). *See* SWEDEN. Kongliga Svenska Fregatten Eugenies Resa omkring jorden . . . åren 1851-53. Vetenskapliga iakttagelser. Vol. II. Zoologi. 4⁰. [1859-61.]

Stål (C.) Bidrag till Rio Janeiro-traktens Hemipter-Fauna, *&c.* 2 Pt. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. II, no. 7; III, no. 6. 4⁰. 1860-62.

Stål (C.) Monographie des Chrysomélides de l'Amérique, *&c.* 3 Pt. *pp. 365. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. IV, no. 5; V, no. 2. 4⁰. 1862, 65.

Stål (C.) Hemiptera Africana. 4 Tom. [in 1] *illust.* 8⁰. *Holmiæ*, 1864–66.

Stål (C.) Hemiptera Fabriciana. Fabricianska Hemipterarter, efter de i Köpenhamn och Kiel förvarade typexemplaren granskade och beskrifne, *&c.* 2 Pt. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. VII, no. 11; VIII, no. 1. 4⁰. 1868, 69.

Stål (C.) Enumeratio Hemipterorum. Bidrag till en förteckning öfver alla hittills kända Hemiptera, jemte systematiska meddelanden, *&c.* 5 Pt. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. IX, no. 1; X, no. 4; XI, no. 2; XII, no. 1; & XIV, no. 4. 4⁰. 1870–76.

Stål (C.) Recherches sur le Système des Mantides, *&c. pp. 26. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. I, no. 10. 8⁰. 1873.

Stål (C.) Recensio Orthopterorum. Revue critique des Orthoptères décrits par Linné, de Geer et Thunberg. 3 Vol. [in 1.] 8⁰. *Stockholm*, 1873–75.

Stål (C.) Recherches sur le Système des Blattaires, *&c. pp. 18. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. II, no. 13. 8⁰. 1874.

Stål (C.) Recherches sur le Système des Phasmides, *&c. pp. 19. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. II, no. 17. 8⁰. 1875.

Stål (C.) Observations Orthoptérologiques, *&c.* 3 Pt. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. III, no. 14; IV, no. 5; & V, no. 9. 8⁰. 1875–78.

Stål (C.) Systema Mantodeorum. Essai d'une systématisation nouvelle des Mantodées, *&c. pp. 91 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. IV, no. 10. 8⁰. 1877.

Stål (C.)
Systema Acridiodeorum. Essai d'une systématisation des Acridiodées, *&c. pp. 100.*
Sur les caractères distinctifs des Hétéroptères et des Homoptères, *&c. pp. 5.*
See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. V, no. 4 & 11. 8⁰. 1878.

STALKER (DONALD) On the formation and management of Plantations on different sites, altitudes, and exposures. *See* EDINBURGH.—*International Forestry Exhibition, 1884.* Forestry and Forest Products, *&c.* Essay III. 8⁰. 1885.

STALLYBRASS (JAMES STEVEN) The wanderings of Plants and Animals from their first home . . . edited by J. S. Stallybrass. *See* HEHN (V.) 8⁰. 1885.

STAMFORD INSTITUTION. [Established 1838.] Catalogue of Antiquities, Ethnological, Ornithological, Geological, and Natural History Specimens . . . offered for sale by auction . . . June 1st, 1910, *&c. pp. 16.* 8⁰. *Stamford* [1910].

STAMM (GEORG AUGUST PHILIPP) Ueber das Alter der roten Konglomerate zwischen Frankenberg und Lollar. *pp. 18 : 1 pl.* 4⁰. *Hersfeld*, 1891.
Wissenschaft. Beil. Progr. k. Gymnasiums Hersfeld.

STAMM (ROBERT HUTZEN) [1877–] Om Musklernes Befæstelse til det ydre Skelet hos Leddyrene . . . Résumé en Français. *pp. 40 : 2 pls. See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter. Række. VII, bd. I, no. 2. 4⁰. 1904.

STAMPE (HENRICUS) Dissertatio physica de generatione Insectorum quam . . . committit H. Stampe, respondente . . . G. Jensen, *&c. pp. 28.* 4⁰. *Havniæ* [1732].

STANDEN (ROBERT) [1854–] Glue and Turpentine Cement for alcoholic Mounts: how to make and use it. *See* MANCHESTER.—OWENS COLLEGE.—*Manchester Museum.* Notes from the Manchester Museum, *&c.* No. 22. 8⁰. 1909.
Reprinted from the "Museums Journal," Vol. VIII.

Standen (R.) & **Hoyle** (W. E.) On a new species of *Sepia* and other shells collected by . . . R. Köttlitz in Somaliland. *pp. 6 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLV, no. 6. 8⁰. 1901.

Standen (R.) & **Leicester** (A.) Report on the Molluscan Shells collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. V. Supplementary Reports, No. 38. 4⁰. 1906.

Standen (R.) & **Melvill** (J. C.) Catalogue of the Hadfield Collection of Shells from Lifu and Uvea, Loyalty Islands. 3 Pt. *See* MANCHESTER.—OWENS COLLEGE.—*Manchester Museum.* 8⁰. 1895–97.

Standen (R.) & **Melvill** (J. C.) Report on the Mollusca of the "Jackson-Harmsworth" Expedition to Franz-Josef Land (1896–7), and of the "Andrew Coats" Cruise (1898) to Kolguev, *&c. pp. 14. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLIV, no. 4. 8⁰. 1900.

Standen (R.) & **Melvill** (J. C.) Notes on a collection of terrestrial and fluviatile Mollusca, made in north-eastern Rhodesia, during 1905, by . . . S. A. Neave. *pp. 16 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LI, no. 4. 8⁰. 1907.

Standen (R.) & **Melvill** (J. C.) The Marine Mollusca of the Scottish National Antarctic Expedition. 2 Pt. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S.Y. "Scotia," *&c.* Vol. V, no. 8; VI, no. 5. 4⁰. 1909 & 12.
Trans. Roy. Soc. Edinburgh. Vol. XLVI, 1907 (1909); XLVIII, 1912.

STANDFEST (FRANZ) [1848–] Leitfaden für den mineralogischen Unterricht, *&c. pp. 104: text illust.* 8⁰. *Graz*, 1882.

STANDFUSS (MAX) Handbuch für Sammler der Europäischen Grossschmetterlinge. *pp. ii, 153.* 8⁰. *Guben* [*& Berlin*, 1891].

—— [Another edition entitled:] Handbuch der paläarktischen Gross-Schmetterlinge für Forscher und Sammler. Zweite . . . und durch Studien zur Descendenztheorie erweiterte Auflage des Handbuches für Sammler der Europäischen Gross-Schmetterlinge. *pp. xii, 392 : 8 pls. col., text illust.* 8⁰. *Jena*, 1896.

Standfuss (M.) Experimentelle zoologische Studien mit Lepidopteren. *pp. 81 : 5 pls. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. XXXVI. 4⁰. 1899.

STANDLEY (PAUL C.)
Three new Plants from Alberta. *pp. 3.*
A new Leather Flower from Illinois. *pp. 3 : 1 pl.*
See SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LVI, no. 33 & 34. 8⁰. 1912.

STANĚK (VLADIMÍR)
O lokalisaci Betainu v Rostlinách. [On the localisation of Betaïne in Plants.] *pp. 6.*
O pohybu Betainu v Rostlinách při některých pochodech vegetačních. [On the movement of Betaïne in Plants through some vegetative process.] *pp. 8.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1911, no. 16 & 18. 8⁰. 1912.

STANELLI (HENRICUS) [1791-] De Phellandrio aquatico, dissertatio inauguralis medica, *&c.* *pp. 19.* 4⁰. *Vratislaviæ*, 1819.

STANFORD (EDWARD) Stanford's Compendium of Geography and Travel based on Hellwald's 'Die Erde und ihre Völker' (translated by A. H. Keane). 6 Vol. *illust.* 8⁰. *London*, 1878-85.
EUROPE, by F. W. Rudler . . . and G. G. Chisholm . . . Edited by Sir A. C. Ramsay . . . With Ethnological Appendix by A. H. Keane. *pp. xvii, 617 : 14 pls., 15 maps, text illust.* 1885.
ASIA, with Ethnological Appendix by A. H. Keane . . . Edited by Sir R. Temple, Bart. *pp. xxxi, 723 : 8 pls., 12 maps, text illust.* 1882.
AFRICA, by . . . K. Johnston . . . revised . . . by E. G. Ravenstein . . . With Ethnological Appendix by A. H. Keane . . . Fourth edition. *pp. xvi, 616 : 17 pls., 16 maps, text illust.* 1884.
[The first edition appeared in 1878.]
NORTH AMERICA, edited . . . by . . . F. V. Hayden . . . and . . . A. R. C. Selwyn. *pp. xvi, 652 : 16 pls., 16 maps, text illust.* 1883.
CENTRAL AMERICA, THE WEST INDIES AND SOUTH AMERICA, edited . . . by H. W. Bates . . . With Ethnological Appendix by A. H. Keane. *pp. xviii, 571 : 20 pls., 13 maps, text illust.* 1878.
AUSTRALASIA, edited . . . by A. R. Wallace . . . With Ethnological Appendix by A. H. Keane . . . Fourth edition. *pp. xv, 672 : 16 pls., 20 maps, text illust.* 1884.
[The first edition appeared in 1879.]

—— New issue. 13 Vol. *illust.* 8⁰. *London*, 1893→
In this series each section is treated as a separate work, and succeeding editions are issued as required :—
EUROPE . . . By G. G. Chisholm. 2 Vol. *illust.* 1899-1902.
ASIA . . . By A. H. Keane. 2 Vol. *illust.* 1896.
—— Second edition, *&c.* 2 Vol. *illust.* 1906-09.
AFRICA . . . By A. H. Keane. 2 Vol. *illust.* 1895.
—— Second edition, *&c.* 2 Vol. *illust.* 1904-07.
NORTH AMERICA. Vol. I. Canada and Newfoundland. By S. E. Dawson. (—Vol. II. The United States. By H. Gannett, *&c.*) 2 Vol. *illust.* 1897-98.
CENTRAL AND SOUTH AMERICA . . . By A. H. Keane . . . Edited by Sir C. Markham, K.C.B. 2 Vol. *illust.* 1901.
AUSTRALASIA. Vol. I . . . By A. R. Wallace. (Vol. II . . . Edited and greatly extended . . . by F. H. H. Guillemard.) 2 Vol. *lust.* 1893-94.
—— Second edition, *&c.* (Vol. I. Australia and New Zealand. By J. W. Gregory.—Vol. II. Malaysia and the Pacific Archipelagoes . . . revised by A. H. Keane.) 2 Vol. *illust.* 1907-08.
(Supplementary Volume.) GLOSSARY of Geographical and Topographical Terms . . . and of Place Names, by A. Knox. *pp. xl, 432.* 1904.

Stanford (E.) Stanford's London Atlas of universal geography . . . With a geographical index. *pp. 25 : 90 maps col.* fol. *London*, 1887.

Stanford (E.) Stanford's Geological Atlas of Great Britain (based on Reynolds's Geological Atlas), with plates of characteristic Fossils, preceded by a description of the geological structure of Great Britain and its counties . . . by H. B. Woodward. *pp. x, 139, 1 tab. (col.) : 16 pls., 34 maps (col.), text illust.* 8⁰. *London*, 1904.
Previous editions were published by J. Reynolds [*q.v.*].

—— Stanford's Geological Atlas of Great Britain and Ireland . . . Second edition. *pp. x, 189, 1 tab. (col.) : 34 maps (col.), text illust.* 8⁰. *London*, 1907.

—— Photographic Supplement . . . Arranged and edited by H. B. Woodward . . . with the co-operation of Miss H. D. Sharpe. *pp. [ii,] 113 : 1 pl., text illust.* 8⁰. *London*, 1913.

Stanford (E.) [For other Atlases and for separate maps published by E. Stanford, see under the several geographical headings.]

STANFORD (JOHN FREDERICK) [-1882] The Stanford Dictionary of Anglicised Words and Phrases. [Begun by J. F. Stanford.] Edited . . . by C. A. M. Fennell. *See* FENNELL (C. A. M.) 4⁰. 1892.

STANFORD (LELAND) The Horse in motion, as shown by instantaneous photography . . . Executed and published under the auspices of L. Stanford. *See* STILLMAN (J. D. B.) 4⁰. 1882.

STANFORD (WILLIAM) The Oxford Atlas of the British Colonies. Pt. I. British Africa. *1 p. : 17 maps (col.)* fol. *Oxford* [1905].

STANFORD UNIVERSITY, *California.* — **Leland Stanford Junior University.**
Leland Stanford Junior University Publications : University Series. No. 1→
8⁰. *Stanford University, California*, 1908→
A series of separately-paged memoirs, which after the sixth are unnumbered.
The following deal with natural history subjects :—
No. 1. Inheritance in Silkworms, I. By V. L. Kellogg. *pp. 89 : 4 pls. (col.), text illust.* 1908.
No. 2. The Opisthobranchiate Mollusca of the Branner-Agassiz expedition to Brazil. By F. M. MacFarland. *pp. 104 : 19 pls.* 1909.
No. 4. Synopsis of the True Crabs (*Brachyura*) of Monterey Bay, California. By F. W. Weymouth. *pp. 64 : 14 pls., text illust.* 1910.
No. 5. Osteology of certain Scombroid Fishes. By E. C. Starks. *pp. 49 : 2 pls.* 1911.
The effect of a strictly Vegetable Diet on . . the albino Rat. By J. R. Slonaker. *pp 36, 2 tabs. : 1 pl., text illust.* 1912.
The Fishes of the Stanford expedition to Brazil. By E. C. Starks. *pp. 75 : 15 pls.* 1913.
Dudley Memorial Volume, *&c.* *pp. 137 : 8 pls., 1 port., text illust.* 1913.
[Contains, *inter alia* :—
The vitality of *Sequoia gigantea.* By W. R. Dudley.
The morphology and systematic position of *Calycularia radiculosa* (Steph.). By D. H. Campbell.
Studies of irritability in Plants, III. The formative influence of Light. By G. J. Peirce.
The Gymnosperms growing on the grounds of Stanford University. By LeRoy Abrams.
The Synchytria in the vicinity of Stanford University. By J. McMurphy.
The Law of Geminate Species. By D. S. Jordan.
Some relations between Salt Plants and Salt-spots. By W. A. Cannon.
North American species of the genus *Amygdalus.* By W. F. Wight.]

STANGE (A.) Verzeichniss der Schmetterlinge der Umgegend von Halle an der Saale. Ein Beitrag zur Fauna Deutschlands. *pp. iv, 108.* 8⁰. *Leipzig*, 1869.

STANGE (G.) *See* SHTANGHE (GH. V.)

STANGELAND (G. E.) Torvmyrer inden Kartbladet "Sarpsborgs" Omraade . . . Med "A short English summary of the contents," *&c.* *See* NORWAY. —*Norges Geologiske Undersøgelse.* [Publication] No. 5. 8⁰. 1891.

Stangeland (G. E.) Torvmyrer inden Kartbladet "Nannestads" Omraade . . . Med "A short English summary of the contents." *See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publication] No. 8. 8⁰. 1892.

Stangeland (G. E.) Om Torvmyrer i Norge og deres Tilgodegjørelse . . . Med "A short English summary of the contents" 3 Pt. *illust.* *See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publications] No. 20, 24 & 38. 8⁰. 1896, 97 & 1904.

STANGER (WILLIAM) [1812-1854] Geological report to the African Civilization Society. *See* ALLEN (W.) & THOMSON (T. R. H.) A narrative of the expedition . . . to the River Niger, *&c.* Vol. I. 8⁰. 1848.

STANHOPE (PHILIP HENRY) *4th Earl Stanhope* [1781-1855] Address of Earl Stanhope, President of the Medico-Botanical Society, for the anniversary meeting . . . 1830 (—1831, 1836 & 1837). 4 Pt. 8⁰. *London*, 1830-37.

STANLEY (EDWARD) *Bishop of Norwich* [1779-1849] A familiar History of Birds . . . The sixth edition. *pp. xi, 446 : text illust.* 8⁰. *London*, 1854.
The first edition appeared in 1835.

STANLEY (EDWARD SMITH) *13th Earl of Derby* [1775-1851] [Remarks on the Birds of Abyssinia.] *See* SALT (H.) A Voyage to Abyssinia, *&c.* 4⁰. 1814.

Stanley (EDWARD S.) *13th Earl of Derby.* Catalogue of the Knowsley Collections, *&c.* *See* FRASER (L.) 8⁰. 1850.

Stanley (EDWARD S.) *13th Earl of Derby.* Gleanings from the Menagerie and Aviary at Knowsley Hall. Hoofed Quadrupeds. [With descriptions of the specimens by Lord Derby.] 2 Series. *See* GRAY (J. E.) fol. 1850.

Stanley (EDWARD S.) *13th Earl of Derby.* A [sale] Catalogue of the Menagerie and Aviary at Knowsley formed by the late [*i.e.* 12th] Earl of Derby, *&c.* *pp. 48* [*2*]. 4⁰. *Liverpool*, 1851.

STANLEY (EDWARD HENRY SMITH) *15th Earl of Derby* [1826-1893] Native Silica : a treatise upon a series of specimens of Quartz, Rock Crystal, Chalcedony, Agates, and Jaspers . . . with a descriptive catalogue of the specimens forming the collection of the late [*i.e.* 15th] . . . Earl of Derby, *&c.* *See* WRIGHT (B. McM.) 8⁰. 1894.

STANLEY (HENRY EDWARD JOHN) *3rd Baron Stanley of Alderley* [1827-1903] [For accounts of voyages, &c., edited by Lord S.] *See* HAKLUYT SOCIETY. Works, *&c.*

STANLEY (*Sir* HENRY MORTON) *G.C.B.* [formerly JOHN ROWLANDS] [1841-1904] In Darkest Africa : or the quest, rescue and retreat of Emin, Governor of Equatoria, *&c.* (Appendix.) 2 Vol. *illust.* 8⁰. *London*, 1890.

STANLEY (OWEN) Discoveries in Australia ; with . . . a narrative of Capt. O. Stanley's visits to the islands in the Arafūra Sea. *See* STOKES (J. L.) 8⁰. 1846.

Stanley (O.) Narrative of the Voyage of H.M.S. Rattlesnake, commanded by . . . Capt. O. Stanley, *&c.* 2 Vol. *See* MACGILLIVRAY (J.) 8⁰. 1852.

STANLEY (SAMUEL S.) [Non-Marine Mollusca of Warwickshire, compiled by B. B. Woodward, assisted by S. S. Stanley, *&c.*] *See* WOODWARD (B. B.) 4⁰. [1904.]

STANLEY AND AFRICAN EXHIBITION, 1890. *See* LONDON.

STANNIUS (FRIEDRICH HERMANN) [1808-1883] *See* BEITRAEGE ZUR ENTOMOLOGIE BESONDERS IN BEZUG AUF SCHLESIEN, herausgegeben von . . . F. H. Stannius. No. I & II. 8⁰. 1832.

Stannius (F. H.) Symbolæ ad anatomiam Piscium. *pp. 40.* 4⁰. *Rostochii*, 1839.

Stannius (F. H.) Anatomische Beobachtungen über den Tümmler (*Delphinus phocæna*). *See* ROSTOCK.—GROSSHERZOGLICHE UNIVERSITAET. Erster Bericht. 4⁰. 1840.

Stannius (F. H.) Beiträge zur Kenntniss der Amerikanischen Manati's . . . Rectorats-Programm. *pp. 37 : 2 pls.* 4⁰. *Rostock*, 1846.

Stannius (F. H.) Bemerkungen über das Verhältniss der Ganoïden zu den Clupeïden insbesondere zu Butirinus. *pp. 20.* 8⁰. *Rostock*, 1846.

Stannius (F. H.) Die Säugthiere in Abbildungen nach der Natur mit Beschreibungen . . . Siebenter Theil [continued by Stannius]. *See* SCHREBER (J. C. D. VON). 4⁰. (1846.)

Stannius (F. H.) Ueber den Bau des Delphingehirnes. *pp. 16 : 4 pls.* *See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. I, no. 1. 4⁰. 1846.

Stannius (F. H.) Das peripherische Nervensystem der Fische, anatomisch und physiologisch untersucht von . . . H. Stannius . . . Rectorats-Programm. *pp. iv, 156 : 5 pls.* 4⁰. *Rostock*, 1849.

Stannius (F. H.) Beobachtungen über Verjüngsgungsvorgänge im thierischen Organismus. *pp. 62.* 8⁰. *Rostock & Schwerin*, 1853.

Stannius (F. H.) & **Siebold** (C. T. E. VON) [Handbuch der Zootomie. *See* SIEBOLD (C. T. E. VON) & STANNIUS (F. H.) 8⁰. 1845, 46.]
Wanting.

—— Zweite Auflage. 8⁰. 1854-56.

Stannius (F. H.) & **Siebold** (C. T. E. VON) Lehrbuch der vergleichenden Anatomie. 2 Thl. *See* SIEBOLD (C. T. E. VON) & STANNIUS (F. H.) 8⁰. 1848 (1846).

Stannius (F. H.) & **Siebold** (C. T. E. VON) Comparative Anatomy . . . Translated from the German . . . Vol. I. *See* SIEBOLD (C. T. E. VON) & STANNIUS (F. H.) 8⁰. 1854.

STANOIEVĪĆ (ALEKSA) O Ielichkom Meteorītu ī Meteorīma u opshte. [On the Jelica Meteorite and on Meteorites in general.] *pp. 41 : 3 pls.* 8⁰. *Beoghrad*, 1891.
Extracted from "Nastavnik."

STANSBURY (HOWARD) An expedition to the Valley of the Great Salt Lake of Utah : including a description of its geography, natural history, and minerals . . . also a reconnoissance of a new route through the Rocky Mountains. *pp. 487 : 57 pls., 3 maps (2 folded in case).* 8⁰. *London & Philadelphia*, 1852.
The Appendix contains :—
C. Zoology.
Mammals, by S. F. Baird.
Birds, by S. F. Baird.
Reptiles, by S. F. Baird and C. Girard.
Insects, by S. S. Haldeman.
D. Botany.
Catalogue of Plants collected by the expedition, by J. Torrey.
E. Geology and Palæontology of the country traversed by the expedition, and notes upon some of the Fossils collected on the route. By J. Hall.
F. A chemical analysis of the water of the Great Salt Lake, and other mineral waters and saline substances, collected during the journey. By L. D. Gale.

STANTIEN & BECKER. Der Bernsteinschmück der Steinzeit von Baggerei bei Schwarzort und anderen Lokalitäten Preussens aus den Sammlungen der Firma Stantien & Becker und der physik.-ökonom. Gesellschaft, von . . . R. Klebs. *See* KONIGSBERG.—PHYSIKALISCH-OEKONOMISCHE GESELLSCHAFT. Beiträge zur Naturkunde Preussens, *&c.* No. 5. 4⁰. 1882.

Stantien & Becker. Aufstellung und Katalog des Bernstein-Museums von Stantien & Becker, Königsberg i. Pr. *See* KLEBS (R. H. E.) 8⁰. 1889.

STANTON (FREDERICK WILLIAM SCHULTHEISS) Erosion of the Coast and its prevention. *pp. 68 : 1 pl., text illust.* 8⁰. *London* [1909].

STANTON (Timothy William) [1860–] The Colorado Formation and its Invertebrate Fauna. *pp. 288 : 45 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 106. 8⁰. 1893.

Stanton (T. W.) Contributions to the Cretaceous paleontology of the Pacific coast.—The Fauna of the Knoxville beds. *pp. 132 : 20 pls. See* United States. —*Geological Survey.* Bulletin, *&c.* No. 133. 8⁰. 1895.

Stanton (T. W.) [Marine Cretaceous Invertebrata from Patagonia.] *See* Princeton. — princeton university. Reports of the Princeton University Expeditions to Patagonia, 1896–99, *&c.* Vol. iv, pt. 1. 4⁰. 1901.

Stanton (T. W.) Pseudoceratites of the Cretaceous, by A. Hyatt. Edited [with a preface] by T. W. Stanton. *pp. 351 : 47 pls. See* United States. — *Geological Survey.* Monographs, *&c.* Vol. xliv. 4⁰. 1903.

Stanton (T. W.) Catalogue of the Type specimens of the Fossil Invertebrates in the Department of Geology, United States National Museum. By C. Schuchert, assisted by . . . T. W. Stanton, *&c. See* United States National Museum. Bulletin, *&c.* No. 53, pt. 1. Catalogue of the Type and Figured specimens of Fossils, *&c.* 8⁰. 1905.

Stanton (T. W.) Stratigraphic notes on Malone Mountain and the surrounding region near Sierra Blanca, Texas. *See* United States.—*Geological Survey.* Bulletin No. 266. 8⁰. 1905.

Stanton (T. W.) & **Hatcher** (J. B.) Geology and Paleontology of the Judith River beds . . . With a chapter on the Fossil Plants by F. H. Knowlton. *pp. 174 : 19 pls., 1 text illust. See* United States.—*Geological Survey.* Bulletin No. 257. 8⁰. 1905.

Stanton (T. W.) & **others.** Geology of the Yellowstone National Park. Pt. ii. Descriptive Geology, Petrography, and Paleontology. *pp. xvii, 893, 1 tab. : 117 pls., 4 maps geol. col., text illust. See* United States.—*Geological Survey.* Monographs, *&c.* Vol. xxxii. 4⁰. 1899.

STAPF (Otto) [1857–] Pedaliaceæ & Martyniaceæ. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. iv, abth. 3ᵇ. 8⁰. 1895.

Stapf (O.) [Gramineæ of South Africa.] *See* Harvey (W. H.) & Sonder (O. W.) Flora Capensis, *&c.* Vol. vii. 8⁰. 1898–1900.

Stapf (O.) [Apocynaceæ, Orobanchaceæ, Lentibularieæ, Pedalineæ, Myristicaceæ and Laurineæ of Tropical Africa.] *See* Oliver (D.) Flora of Tropical Africa, *&c.* Vol. iv, sect. 1 & 2 ; & vi, pt. 1. 8⁰. [1902, 06 & 09.]

Stapf (O.) The Aconites of India : a Monograph, *&c. pp. ii, ii, 115–197 : pls. xcii–cxvi. See* Calcutta. — *Royal Botanic Garden.* Annals, *&c.* Vol. x, pt. 2. fol. 1905.

Stapf (O.) & **Baker** (J. G.) [Verbenaceæ of Tropical Africa.] *See* Oliver (D.) Flora of Tropical Africa, *&c.* Vol. v. 8⁰. 1900.

STAPFF (Friedrich Moritz) [1836–1895] Anweisung zur Führung der geologischen Kontrole für den Gotthard-tunnel. [By F. M. Stapff.] *See* St. Gothard. fol. [1874.]

Stapff (F. M.) Geologisches Profil des St. Gotthard in der Axe des grossen Tunnels während des Baues (1873–1880) aufgenommen. *pp. 59 : 1 pl. col.* fol. *Bern,* 1880.

Stapff (F. M.) Geologische Uebersichtskarte der Gotthardbahnstrecke . . . Maasstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. *See* St. Gothard. [*Maps.*] 1885.

STAPPENBECK (Richard) [1880–] Umrisse des geologischen Aufbaues der Vorkordillere zwischen den Flüssen Mendoza und Jachal. *pp. 143 : 3 pls., 1 map geol. col., text illust. See* Palaeontologische Abhandlungen. Geologische und Palæontologische Abhandlungen, *&c.* Bd. xiii, hft. 5. 4⁰. 1911.

STARBÄCK (Karl) [1863–] Anteckningar öfver några Skandinaviska Pyrenomyceter. *pp. 18 : 1 pl. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xiv, afd. iii, no. 5. 8⁰. 1889.

Starbäck (K.) Ascomyceter från Öland och Östergötland. *pp. 28 : 1 pl. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xv, afd. iii, no. 2. 8⁰. 1889 (1890).

Starbäck (K.) Bidrag till kännedomen om Sveriges Ascomycetflora. *pp. 14 : 1 pl. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xvi, afd. iii, no. 3. 8⁰. 1890 (1891).

Starbäck (K.) Studier i E. Fries' Svampherbarium. i. "Sphæriaceæ imperfecte cognitæ." *pp. 114 : 4 pls. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xix, afd. iii, no. 2. 8⁰. 1894.

Starbäck (K.)
Discomyceten-Studien. *pp. 42 : 2 pls.*
Sphærulina halophila (Bomm. Rouss. et Sacc.) en parasitisk Pyrenomycet. *pp. 19 : 1 pl.*
See Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xxi, afd. iii, no. 5 & 9. 8⁰. 1895, 96.

Starbäck (K.) Ascomyceten der ersten Regnellschen Expedition. 3 Pt. *illust. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . Handlingar. Bd. xxv, afd. iii, no. 1 ; xxvii, afd. iii, no. 9 ; Arkiv för Botanik. Bd. ii, no. 5. 8⁰. 1899 (1900)–1904.

Starbäck (K.) Ascomyceten der Schwedischen Chaco-Cordilleren-Expedition. *pp. 35 : 1 pl. See* Stockholm. —kongliga svenska vetenskaps-akademien. Arkiv för Botanik, *&c.* Bd. v, no. 7. 8⁰. 1905.

STARCK (L. G.) Aphorismi Botanici . . . p. p. L. G. Starck, *&c.* Pt. vi. *See* Agardh (C. A.) 8⁰. 1821.

STARING (Winand Carel Hugo) [–1877]
De Veenen in Nederland. *pp. 46.*
Het Eiland Urk, volgens . . . P. Harting, en het Nederlandsch Diluvium, door W. C. H. Staring. *pp. 29 : 2 maps, text illust.*
See Holland.—*Commissie belast met het Vervaardigen eener Geologische Beschrijving en Kaart van Nederland.* Verhandelingen, *&c.* Dl. i, pt. 3 ; ii, pt. 3. 4⁰. 1853, 54.

Staring (W. C. H.) De Bodem van Nederland. De zamenstellung en het ontstaan der gronden in Nederland ten behoeve van het algemeen beschreven. 2 Vol. *illust.* 8⁰. *Haarlem,* 1856–60.

Staring (W. C. H.) Aperçu des Ossements fossiles de l'époque Diluvienne trouvés dans la Néerlande et les contrées voisines. *pp. 29.* 8⁰. *Amsterdam,* 1861.

STARK (Arthur Cowell) [-1899] The Birds of South Africa, *&c.* Vol. i & ii. *See* Sclater (W. L.) The Fauna of South Africa, *&c.* 8⁰. 1900, 01.
Vol. iii & iv are by W. L. Sclater.

STARK (James) On the Bones. Pt. 1. Chemical constitution of the bones of the Vertebrated Animals. *pp. 20.* 8⁰. (*Edinburgh*, 1845.)
Edinburgh Med. & Surg. Journ. No. 163.

STARK (John) Elements of Natural History . . . containing the generic characters of nearly the whole Animal Kingdom, and descriptions of the principal species. 2 Vol. *illust.* 8⁰. *Edinburgh & London*, 1828.

STARK (Peter) Beiträge zur Kenntnis der eiszeitlichen Flora und Fauna Badens. *pp. 120. See* Freiburg-in-Breisgau. — naturforschende gesellschaft. Berichte, *&c.* Bd. xix, hft. 2. 8⁰. 1912.

STARK (Robert Mackenzie) [1815-1873] A popular History of British Mosses, comprising a general account of their structure, fructification, arrangement and general distribution, *&c.* *pp. xvi, 322 : 20 pls. col.* 8⁰. *London*, 1854.

STARKS (Edwin Chapin) Osteology of certain Scombroid Fishes. *pp. 49 : 2 pls., 1 text illust. See* Stanford University, *California.*—leland stanford junior university. Leland Stanford Junior University Publications : University Series. No. 5. 8⁰. 1911.

Starks (E. C.) The Fishes of the Stanford expedition to Brazil. *See* Stanford University, *California.*—leland stanford junior university. Leland Stanford Junior University Publications: University Series. 8⁰. 1913.

STARRABBA (F. Stella) *See* Stella Starrabba.

STAS (Jean Servais) [1813-1891] De l'Argent . . . Œuvre posthume, *&c.* *pp. 168. See* Brussels.—académie royale des sciences, *&c.* Mémoires, *&c.* Tom. xlix, no. 7. 4⁰. 1890-93.

STASI (Paolo Emilio) & **Regàlia** (E.) Grotta Romanelli (Castro, Terra d'Otranto) stazione con Faune interglaciali calda e di steppa. Nota preventiva, *&c.* *pp. 67 : 4 pls.* 8⁰. *Firenze*, 1904.
Estratto dall' Archivio per l' Antropologia e l' Etnologia. Vol. xxxiv, 1904. *pp. 17-81 : pls. 1 4.*

STATE MICROSCOPICAL SOCIETY OF ILLINOIS.
The Lens ; a quarterly journal of microscopy and the allied sciences ; with the Transactions of the State Microscopical Society of Illinois. Edited by S. A. Briggs, *&c.* Vol. i & ii.† 8⁰. *Chicago*, 1872 73.

STATE UNIVERSITY OF IOWA.
See Iowa, *City of.*—state university.

STATENS NATURHISTORISKA MUSEUM (STOCKHOLM). *See* Stockholm.—riksmuseum.

STATION ENTOMOLOGIQUE DE LA FACULTÉ DES SCIENCES DE RENNES.
See Rennes.—université.

STATION MARITIME DE CETTE.
Travaux originaux du Laboratoire Zoologique de la Faculté des Sciences de Montpellier et de la Station . . . Nouvelle Série, Mém. No. 1→ *See* Montpellier.—université. 8⁰. 1885→

STATION ZOOLOGIQUE D'ENDOUME (MARSEILLE).
Travaux de Zoologie appliquée effectués sous la direction du Prof. Marion. *See* Marseilles.—musée d'histoire naturelle. Annales . . . Zoologie. Tom. iii-v. 4⁰. 1889-99.

STATUTI (Augusto) Catalogo sistematico e sinonimico dei Molluschi terrestri e fluviatili viventi nella provincia Romana. *pp. 128.* 8⁰. *Siena*, 1882.
Bull. Soc. Malacol. Ital. Vol. viii.

STAUB (J.) Die Pfahlbauten in den Schweizer-Seen. *pp. 80 : 8 pls., text illust.* 8⁰. *Fluntern bei Zürich*, 1864.

STAUB (Móricz) [1842-1904] A Frusca-Gora Aquitaniai Florája. [The Aquitanian Flora of the Frusca-Gora.] *pp. 39 : 4 pls. See* Budapest. — magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xi, szám 2. 8⁰. 1881.

Staub (M.) Baranyamegyei Mediterrán Növények. *pp. 24-42 : 4 pls.* — Mediterrane Pflanzen aus dem Baranyaer Comitate. *pp. 23 : 4 pls. See* Austria-Hungary. — magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. vi, füz. 2. 8⁰. 1882.

Staub (M.) Harmadkori Növények Felek vidékéről. *pp. 25 : 1 pl.* — Tertiäre Pflanzen von Felek bei Klausenburg. *pp. 19 : 1 pl. See* Austria-Hungary.—magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. vi, füz. 8. 8⁰. 1883.

Staub (M.) A Zsilvölgy Aquitánkorú Florája. *pp. 218, 3 tabs. . 19 pls.*—Die Aquitanische Flora des Zsilthales im Comitate Hunyad. *pp. 197, 3 tabs. : 19 pls. See* Austria-Hungary.—magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. vii, füz. 6. 8⁰. 1887.

Staub (M.) A Radácsi Növényekről. *pp. 11.* — Etwas über die Pflanzen von Radács bei Eperies. *pp. 13. See* Austria-Hungary.—magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. ix, füz. 4. 8⁰. 1891.

Staub (M.) Resultate der Phytophänologischen Beobachtungen in der Umgebung des Balatonsees. Aus dem Nachlasse des Weil . . . M. Staub, in Druck geordnet von . . . J. Bernátsky. *See* Budapest.—magyar földrajzi társulat, *&c.* Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. i, thl. 4, sect. iii. 4⁰. 1906.

STAUB (Walther) Geologische Beschreibung der Gebirge zwischen Schächental und Maderanertal im Kanton Uri. *pp. viii, 84 : 3 pls. col., 1 map geol. col., text illust. See* Switzerland. — *Carte Géologique Suisse.* Beiträge zur Geologischen Karte der Schweiz, *&c.* Neue Folge, Lief. xxxii. 4⁰. 1911.

STAUDE (Friedrich) Die Schwämme Mitteldeutschlands, *&c.* Lief. 1.† *pp. xxviii, coll. 150 : 10 pls. col.* 4⁰. *Gotha*, 1858.

STAUDINGER (Otto) [1830-1900] De Sesiis agri Berolinensis. Dissertatio entomologica. *pp. [ii,] 66, 1 tab. : 2 pls.* 4⁰. *Berolini*, 1854.

Staudinger (O.) Lepidopteren-Doubletten. Liste No. XIV, XV, XXIV–XXVIII. 4⁰. (*Blasewitz-*) *Dresden*, 1870–84.
No. XXIV–XXVIII are lithographed.
[*Continued as :*]
Lepidopteren-Liste No. XXX→ 4⁰. & 8⁰. *Blasewitz bei Dresden*, 1886→
No. XLI→ are in 8⁰.

Staudinger (O.) [Lepidoptera from South America.] *See* HAMBURG.—NATURHISTORISCHES MUSEUM. Ergebnisse der Hamburger Magalhaensischen Sammelreise, *&c.* Lief. IV, no. 7. 8⁰. 1899.

Staudinger (O.) & **Schatz** (E.) Exotische Schmetterlinge. 2 Thl. *illust. col.* 4⁰. *Fürth*, (1884–) 1888–92.
Thl. I. Exotische Tagfalter in systematischer Reihenfolge, mit Berücksichtigung neuer Arten von O. Staudinger und technischer Mitwirkung von H. Langhans.
,, II. Die Familien und Gattungen der Tagfalter systematisch und analytisch bearbeitet von E. Schatz. Nach dem Tode des Verfassers fortgesetzt von J. Röber.
Printed in double column.

Staudinger (O.) & **Wocke** (M. F.) Catalog der Lepidopteren Europa's und der angrenzenden Länder. I. Macrolepidoptera, bearbeitet von . . . O. Staudinger. II. Microlepidoptera, bearbeitet von . . . M. Wocke.—Catalogue des Lépidoptères d'Europe, *&c. pp. xvi, 192.* 8⁰. *Dresden*, 1861.
Based on the "Lepidopterorum Europæorum Catalogus" of G. H. Heydenreich [*q.v.*]

—— [Another edition entitled :] Catalog der Lepidopteren des Europæischen Faunengebiets, *&c. pp. xxxviii, 426.* 8⁰. *Dresden*, 1871.
The preface is in French and German.

—— [Another edition entitled :] Catalog der Lepidopteren des palæarctischen Faunengebietes. Von . O. Staudinger und . . . H. Rebel. Dritte Auflage, *&c.* 2 Thl. [in 1 Vol.] 8⁰. *Berlin*, 1901.
Thl. I. Famil. Papilionidæ — Hepialidæ, von . . . O. Staudinger und . . . H. Rebel. *pp. xxx [ii,] 411 : 1 port.* 1901.
,, II. Famil. Pyralidæ – Micropterygidæ, von . . . H. Rebel. *pp. 368.* 1901.

STAUFFER (CLINTON R.) [1875–] The Middle Devonian of Ohio. *pp. viii, 204 : 15 pls., 2 maps. See* OHIO, *State of.—Geological Survey.* Fourth Series, Bulletin 10. 8⁰. 1909.

Stauffer (C. R.) & **others.** Geology of the Columbus Quadrangle. *pp. viii, 133 : 28 pls., 3 maps (2 geol. col.), text illust. See* OHIO, *State of.—Geological Survey.* Fourth Series, Bulletin 14. 8⁰. 1911.

STAUFFER'S MUSEUM. *See* LUCERNE.

STAUNTON (*Sir* GEORGE LEONARD) [1737–1801] An authentic account of an Embassy from the King of Great Britain to the Emperor of China, including . . . observations made . . . in travelling through that . . . Empire, and a small part of Chinese Tartary. Together with a relation of the voyage undertaken . . . to the Yellow Sea, and Gulf of Pekin . . . Taken chiefly from the papers of . . . the Earl of Macartney . . . Second edition. 3 Vol. *3 maps.* 8⁰. *London*, 1798.
The first edition appeared in 1797.

STAVANGER.—Stavanger Museum. [Founded 1877.] Aarsberetning, *&c.* 1890–1899. *illust.* 8⁰. *Stavanger*, (1891) 1892–1900.
[*Continued as :*]
Aarshefte (Aarsberetning), *&c.* 1900→ Aargang XI→ *illust.* 8⁰. *Stavanger*, 1901→
In the "Aarshefte" for 1907→ each paper is separately paged.

STAVELEY (E. F.) *Miss.* British Spiders : an introduction to the study of the Araneidæ of Great Britain and Ireland. *pp. xv, 280 : 16 pls. (col.), text illust.* 8⁰. *London*, 1866.

Staveley (E. F.) *Miss.* British Insects. A familiar description of the form, structure, habits, and transformations of Insects. *pp. xv, 392 : 16 pls. col., text illust.* 8⁰. *London*, 1871.

STAVORINUS (JAN SPLINTER) Account of Java and Batavia. (—Account of Celebes, Amboyna, &c.) From the voyages of Stavorinus. *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. XI. 4⁰. 1812.

STAWELL GOLD FIELD, *Victoria.* [*Maps.*] Stawell Gold Field. Geologically . . . surveyed by N. Taylor . . . Scale 40 chains [*i.e.* ½ m.] to 1 in. *See* VICTORIA, *Australia.*—DEPARTMENT OF MINES. [*Maps.*] sh. 1878.

STAZIONE CHIMICO-AGRARIA SPERIMENTALE DI PALERMO. *See* PALERMO.

STAZIONE CHIMICO-AGRARIA SPERIMENTALE DI ROMA. *See* ROME.

STEAD (DAVID G.) Fishes of Australia, *&c. See* NEW SOUTH WALES.—DEPARTMENT OF FISHERIES. 8⁰. 1906.

Stead (D. G.) Additions to the Fish-Fauna of New South Wales. No. 1→ *See* NEW SOUTH WALES.—DEPARTMENT OF FISHERIES. 8⁰. 1907→

Stead (D. G.) Note on a small collection of Fishes from Suwarow Island. *See* NEW SOUTH WALES.—DEPARTMENT OF FISHERIES. 8⁰. 1907.

Stead (D. G.) Preliminary note on the Wafer (*Leptoplana australis*), *&c. See* NEW SOUTH WALES.—DEPARTMENT OF FISHERIES. 8⁰. 1907.

Stead (D. G.) The Edible Fishes of New South Wales, *&c. See* NEW SOUTH WALES.—DEPARTMENT OF FISHERIES. 8⁰. 1908.

STEAD (JOHN EDWARD) Microscopic analysis of Metals . . . Edited [with a preface] by J. E. Stead. *See* OSMOND (F.) 8⁰. 1904.

Stead (J. E.) & **Ridsdale** (C. H.) Basic Slag : its formation, constitution, and application, with special reference to the Crystals found therein. *pp. 30 : 2 pls., text illust.* 8⁰. *Edinburgh & London* [1887].
Reprinted from the "Journal of the Iron & Steel Institute." No. 1, 1887.

STEARNS (FREDERICK) [1832–1907] A List of Mollusca and other forms of marine life collected in . . 1889–90, in Japan. (Mollusca of the Bahama Islands.) *pp. 19 (1) : 1 pl.* 8⁰. *Detroit*, 1891.

Stearns (F.) List of the Echinoderms and Crustaceans in the cabinet of F. Stearns . . . To which is appended a paper on "Echinoderms and Arthropods from Japan," by J. E. Ives, *&c. pp. viii, 14 : 6 pls.* 8⁰. *Detroit*, 1891.

Stearns (F.) & **Pilsbry** (H. A.) Catalogue of the Marine Mollusks of Japan, with descriptions of new species and notes on others collected by F. Stearns. By H. A. Pilsbry [and in part by F. Stearns]. *pp. viii, 196 : 11 pls.* 8⁰. *Detroit*, 1895.
Appendix I. List of Land and Freshwater Mollusks collected in Japan by F. Stearns.
,, II. List of Mollusca in the collection of F. Stearns from the middle Loo Choo Islands, with descriptions of new species.

STEARNS (ROBERT EDWARDS CARTER) [1827–1909] Bibliography of the Scientific Writings of R. E. C. Stearns, by Miss M. R. Stearns . . . With biographical sketch by W. H. Dall. *pp. 15 : 1 port. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LVI, no. 18. 8⁰. 1911.

STEARNS (Winfrid Alden) & **Coues** (E.) New England Bird Life, being a manual of New England Ornithology. Revised and edited from the MS. of W. A. Stearns . . . by . . . E. Coues. 2 Pt. *text illust.* 8⁰. *Boston*, 1881–83.

STEBBING (Edward Percy) Injurious Insects of Indian Forests. *pp. ii, 152 : 9 pls., text illust.* 8⁰. *Calcutta*, 1899.

Stebbing (E. P.) Departmental Notes on Insects that affect Forestry, *&c.* No. 1–> *See* India.—forest department. 8⁰. 1902–>

—— Second edition. No. 1. *pp. 149 : 6 pls.* 8⁰. 1903.

Stebbing (E. P.) A Note on the Sandal Wood Boring Insects of Madras. *pp. 13.* 8⁰. [*Calcutta*,] 1903.
Issued as an Appendix to "The Indian Forester," Vol. xxix, no. 7.

Stebbing (E. P.) A Note on the Casuarina Insect pests of Madras. *pp. 20.* 8⁰. *Calcutta*, 1903.
Issued as an Appendix to "The Indian Forester," Vol. xxix, no. 9.

Stebbing (E. P.) A Note on the preservation of Bamboos from the attacks of the Bamboo Beetle or "Shot-Borer." *pp. 16.* 8⁰. *Calcutta*, 1903.
Issued as an Appendix to "The Indian Forester," Vol. xxix, no. 12.

Stebbing (E. P.) A Note upon the "Bee-Hole" Borer of Teak in Burma. *pp. 19.* 4⁰. *Calcutta*, 1905.

STEBBING (Thomas Roscoe Rede) [1835-] Museums and *our* Museum : a lecture delivered before the Torquay Natural History Society . . . 1872. *pp. 19.* 8⁰. *Torquay*, 1872.

Stebbing (T. R. R.) Report on the Amphipoda collected by H. M. S. Challenger during . . . 1873–76. *pp. xxiv, xiii, 1737 : 212 pls., 1 map, text illust. See* Great Britain & Ireland. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. lxvii.) Vol. xxix. [In 3 Pt.] 4⁰. 1887–88.

Stebbing (T. R. R.) [Amphipoda from Ecuador.] *See* Whymper (E.) Travels amongst the Great Andes of the Equator. Supplementary Appendix, *&c.* Crustacea. 8⁰. 1891.

Stebbing (T. R. R.) A History of Crustacea. Recent Malacostraca, *&c. pp. xvii, 466 : 19 pls., text illust.* 8⁰. *London*, 1893.
The International Scientific Series. Vol. lxxiv.

Stebbing (T. R. R.) On Crustacea . . . from the South Seas. *See* Willey (A.) Zoological Results, *&c.* Pt. v, no. 33. 4⁰. 1900.

Stebbing (T. R. R.) [Crustacea Amphipoda from the Sandwich Islands.] *See* Sharp (D.) Fauna Hawaiiensis, *&c.* Vol. ii, pt. 5. 4⁰. 1900.

Stebbing (T. R. R.) Marine Crustaceans [of the Maldives and Laccadives] . . . Isopoda, with description of a new genus. *See* Gardiner (J. S.) The Fauna and Geography of the Maldive and Laccadive Archipelagoes, *&c.* Vol. ii, no. 10. 4⁰. 1904.

Stebbing (T. R. R.) Report on the Isopoda collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. iv. Supplementary Reports. No. 23. 4⁰. 1905.

Stebbing (T. R. R.) Amphipoda. i. Gammaridea. *pp. xxxix, 806 : text illust. See* Leipsic.—deutsche zoologische gesellschaft. Das Tierreich, *&c.* Lief. xxi. 8⁰. *Berlin*, 1906.

STEBLER (Friedrich Gottlieb) [1852-] [Die Grassamen-Mischungen zur Erzielung des grössten Futter-Ertrages von bester Qualität, *&c.* 8⁰. *Bern*, 1881.]
Wanting.

Les mélanges de Graines Fourragères . . . Traduit de l'Allemand par C. Denaiffe. *pp. 170.* 8⁰. *Paris & Carignan* [1888].

Stebler (F. G.) Die besten Streuepflanzen, *&c. See* Stebler (F. G.) & Schroeter (C.) Die besten Futterpflanzen (—Streuepflanzen), *&c.* Thl. iv. 4⁰. 1898.

Stebler (F. G.) & **Schroeter** (C.) Die besten Futterpflanzen (—Streuepflanzen), *&c.* 4 Thl. *illust. col.* 4⁰. *Bern*, 1883–98.
Thl. iv is by Stebler alone.

Stebler (F. G.) & **Schroeter** (C.) The best Forage Plants fully described and figured, with a complete account of their cultivation . . . Translated by A. N. McAlpine. *pp. vi, 171 : 30 pls. col., text illust.* 4⁰. *London*, 1889.
This is a translation of the first two parts only of the original, re-arranged in systematic order.

STECHMANN (Johannes Paulus) Dissertatio inauguralis botanico-medica de Artemisiis, *&c. pp.* [*iv*,] *lix.* 4⁰. *Gœttingæ* [1775].

STECHOW (Eberhard R. Th. W.) Hydroidpolypen der Japanischen Ostküste . . . i. Teil : Athecata und Plumularidæ. *pp. 111 : 7 pls., text illust. See* Munich. — koeniglich bayerische akademie der wissenschaften. Abhandlungen, *&c.* Supplement-Band i, no. 6. 4⁰. 1909.
Also issued under wrapper dated 1910.
Forms also Bd. i, no. 6 of "Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Döflein."

STEDMAN (John Gabriel) [1744–1797] Narrative of a five years' expedition against the revolted negroes of Surinam, in Guiana, on the wild coast of South America ; from . . . 1772, to 1777 : elucidating the history of that country, and describing its productions, viz. :—quadrupedes, birds, fishes, reptiles, trees, shrubs, fruits, & roots . . . Second edition, *&c.* 2 Vol. *illust.* 4⁰. *London*, 1806.
The first edition appeared in 1796.
The copy in the Tweeddale Library has coloured plates, and Vol. ii bears date 1813.

STEEDMAN (Andrew) Wanderings and adventures in the interior of southern Africa. 2 Vol. *illust.* 8⁰. *London*, 1835.

STEEG (Georgius) [1832-] De anatomia et morphologia Sqamarum [*sic*] Piscium. Dissertatio zoologica, *&c. pp. 43.* 8⁰. *Bonnæ*, 1857.

STEEGER (J. A.) Ansichten aus dem Pflanzenreiche, *&c. pp. xx, 116.* 8⁰. *Danzig*, 1822.

STEELE (J. Dutton) Map of the Canals and Rail Roads for transporting Anthracite Coal from the several Coal Fields [in Pennsylvania] to the City of New York, drawn under the direction of J. D. Steele, *&c.* [Scale 1 in. = 5 m. about.] (Profiles, *&c.*) *See* Pennsylvania, *State of.* [*Maps.*] s.sh. 1856 (-57).

STEELE (Joel Dorman) [1836–1886] How to Study Plants, or, an introduction to Botany . . . Edited by J. D. Steele, *&c. See* Wood (A.) 8⁰. [1887.]

STEELE (William Edward) [1816–1883] A Handbook of Field Botany, comprising the Flowering Plants and Ferns indigenous to the British Isles . . . With . . . a Glossary of Terms . . . Second edition. *pp. xxix, 249 : 1 pl.* 8⁰. *Dublin*, 1851.
The first edition appeared in 1847.

STEEN (Asmus Johannes) [1858–] Anatomisch-histologische Untersuchung von *Terebellides Stroemii*, M. Sars. Inaugural-Dissertation, *&c.* *pp.* [*vi*,] *52 : 3 pls.* 8⁰. *Jena*, 1883.

STEENBERG (N.) & **Harder** (P.) Undersøgelser over nogle Danske Sandsorters tekniske Anvendelighed. *pp. 36 : 1 pl., text illust.* *See* Denmark. — *Danmarks Geologiske Undersøgelse.* 2. Række, No. 16. 8⁰. 1905.

STEENSEN (Niels)
See Steno (N.) *Bishop of Titiopolis.*

STEENSTRA TOUSSAINT (Abraham Joannes Daniel) A. J. D. Steenstra Toussaint . . . Responsio ad quæstionem . . . "Quæritur descriptio anatomica organorum urinam secernentium in Piscibus et comparatio physiologica cum iisdem partibus in reliquis animalibus," *&c.* *pp. 34 : 2 pls.* *See* Leyden. — rijks universiteit. Annales, *&c.* 1834–35. 4⁰. 1835.

STEENSTRUP (Johannes Japetus Smith) [1813–1897] [Om Fortplantning og Udvikling gjennem vexlende Generations Rækker, en særegen Form for Opfostringen i de lavere Dyrklasser, *&c.*
4⁰. *Kjöbenhavn*, 1842.]
Wanting.

Ueber den Generationswechsel, oder die Fortpflanzung und Entwickelung durch abwechselnde Generationen . . . Uebersetzt [from the Danish manuscript] von C. H. Lorenzen. *pp. xvii* [*i*,] *140 : 3 pls.* 8⁰. *Copenhagen*, 1842.

Steenstrup (J. J. S.) On the Alternation of Generations . . . Translated from the German version of C. H. Lorenzen, by G. Busk. *See* Ray Society. *Steenstrup* (*J. J. S.*) 8⁰. 1845.

Steenstrup (J. J. S.) [Undersögelser over Hermaphroditismens Tilværelse i Naturen, *&c.* 4⁰. *Kjöbenhavn*, 1845.]
Wanting.

Untersuchungen über das Vorkommen des Hermaphroditismus in der Natur . . . Aus dem Dänischen übersetzt von . . . C. F. Hornschuch . . . mit Bemerkungen von Dr. Creplin . . . F. Müller, Dr. Karsch . . . M. Schultze und dem Uebersetzer. *pp. xvi, 130 : 2 pls.*
4⁰. *Greifswald*, 1846.

1. Bemerkungen zur vorstehenden Schrift hinsichtlich der Eingeweidewürmer. Von Dr. Creplin.
2. Bemerkungen im Betreff des Geschlechtsverhältnisses bei den Hirudineen. Von F. Müller.
3. Auszug aus Quatrefages's Untersuchungen über die Geschlechtstheile der Planarien. [Ann. Sci. Nat. Zool. Ser. III, tom. II.] [By F. Müller.]
4. Beobachtung der Samenthierchen, der Eibildung, der Selbstbefruchtung und des Auskriechens der Jungen aus den Eiern von *Hydra*. Von M. Schultze.
5. Auszug aus J. G. F. Will's Horæ Tergestinæ, etc., die Geschlechtsverhältnisse der Rippenquallen betreffend.
6. Bemerkungen über die Begattung der Limnäen. Von Dr. Karsch.

Steenstrup (J. J. S.) Hectocotyldannelsen hos Octopodslægterne *Argonauta* og *Tremoctopus*, oplyst ved Iagttagelse af lignende Dannelser hos Blæksprutterne i Almindelighed. *pp. 31 : 2 pls.* 4⁰. *Kjöbenhavn*, 1856.
K. Dansk Vidensk. Selsk. Skrift. Ræk. V, bd. IV.

Steenstrup (J. J. S.) Et Bidrag til Geirfuglens Naturhistorie og særligt til Kundskaben om dens tidligere Udbredningskreds. *pp.* [*i*,] *84 : 1 pl., 1 map.*
8⁰. *Kjöbenhavn*, 1857.
Naturh. Foren. Vidensk. Meddelelser. 1855. No. 3–7.

Steenstrup (J. J. S.) Icones Plantarum sponte nascentium in Regno Daniæ . . . editæ a J. Steenstrup . . . Fasc. XLIV (Vol. XV). *See* Oeder (G. C.) fol. 1858.

Steenstrup (J. J. S.) Om Skjævheden hos Flynderne og navnlig om Vandringen af det övre Öie fra Blindsiden til Öiesiden tvers igjennem Hovedet, m.m. Bidrag til rigtigere Opfattelse af Flyndernes Bygning. *pp. 52 : 1 pl., text illust.* 8⁰. *Kjöbenhavn*, 1864.
Overs. k. Dansk Vidensk. Selsk. Forhandl. 1863.

Steenstrup (J. J. S.) Den nye Bygning for Universitetets Zoologiske Museum. *pp. 85–96 : 2 pls.*
8⁰. [*Copenhagen*, 1866.]
From "Nytaarsgave : udgivet af Foreningen Fremtiden," I, 1866.

Steenstrup (J. J. S.) *Hemisepius*, en ny Slægt af *Sepia*-Blæksprutternes Familie, med Bemærkninger om *Sepia*-Formerne i Almindelighed. (Sur l'*Hémisepius*, un genre nouveau de la famille des Sépiens, avec quelques remarques sur les espèces du genre *Sepia* en général.) *pp. 20, iv : 2 pls.* *See* Copenhagen. — kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. V, bd. X, no. 7. 4⁰. 1875.

Steenstrup (J. J. S.) *Sepiadarium* og *Idiosepius*, to nye Slægter af Sepiernes Familie. Med Bemærkninger om de to beslægtede Former *Sepioloidea*, D'Orb., og *Spirula*, Lamk. (Résumé du mémoire sur le *Sepiadarium Kochii* et l'*Idiosepius pygmæus.*) *pp. 32 : 1 pl.* *See* Copenhagen.—kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. VI, bd. I, no. 3. 4⁰. 1881.

Steenstrup (J. J. S.) Kjøkken-Møddinger. Eine gedrängte Darstellung dieser Monumente sehr alter Kulturstadien, *&c.* *pp. 47 : 4 pls.* 8⁰. *Kopenhagen*, 1886.

Steenstrup (J. J. S.) *Heteroteuthis*, Gray, med Bemærkninger om *Rossia*-*Sepiola*-Familien i Almindelighed. *pp. 18 : 1 pl., text illust.* *See* Copenhagen. —kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. VI, bd. II, no. 6. 4⁰. 1900.

Steenstrup (J. J. S.) & **Lütken** (C. F.) Bidrag til Kundskab om Klump- eller Maanefiskene (Molidæ). *pp. 102 : 4 pls., text illust.* *See* Copenhagen.—kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. VI, bd. IX, no. 1. 4⁰. 1898.

STEENSTRUP (Knud Johan Vogel) [1842–1913] Om de kulförende Dannelser paa Öen Disko, Hareöen og Syd-Siden af Nûgssuak's Halvöen i Nord-Grönland. *pp. 39.* 8⁰. *Kjøbenhavn* [1874].
Vidensk. Medd. naturh. Foren. Kjöbenhavn. 1874. No. 3–7.

Steenstrup (K. J. V.) Om de Nordenskiöldske Jærnmasser og om Forekomsten af gedigent Jærn i Basalt. [French résumé.] *pp. 25, 4 : 2 pls. col.*
8⁰. *Kjöbenhavn*, 1876.
Vidensk. Medd. naturh. Foren. Kjöbenhavn. 1875.

Steenstrup (K. J. V.) Ueber die Lagerungsverhältnisse der Kohlen und Versteinerungen führenden Bildungen auf der Westküste von Grönland zwischen 69° 15′ und 72° 15′ n. Br. *See* Heer (O.) Flora Fossilis Arctica, *&c.* Bd. VII. 4⁰. 1883.

Steenstrup (K. J. V.) Om Klitternes Vandring. *pp. 14 : text illust.* *See* Copenhagen. — dansk geologisk forening. Meddelelser, *&c.* No. 1. 8⁰. 1894.

Steenstrup (K. J. V.) & **others.** Affaldsdynger fra Stenalderen i Danmark undersøgte for Nationalmuseet. Résumé en Français, *&c.* 4⁰. 1900.

STEETZ (Joachim) [1804–1862] Plantæ Preissianæ, *&c.* [In part by J. Steetz.] *See* Lehmann (J. G. C.) 8⁰. 1844–47.

Steetz (J.) Revisio generis *Comesperma*, Labill., et Synopsis Lasiopetalearum et Büttneriearum in Nova Hollandia indigenarum. *pp. 25* [*3*,] *52* [*2*].
8⁰. *Hamburgi*, 1847.

Steetz (J.) [Compositæ.] *See* Seemann (B. C.) The Botany of the Voyage of H.M.S. Herald . . . 1845–51, *&c.* 4⁰. 1852–57.

Steetz (J.) Die Familie der Tremandreen und ihre Verwandtschaft zu der Familie der Lasiopetaleen. Ein Beitrag, *&c. pp. viii, 111.* 8⁰. *Hamburg*, 1853.

STEFĂNESCU (GREGORE) [1838-] Cursŭ elementarŭ de Geologiă. *pp. 256 : 1 map geol. col., text illust.* 8⁰. *Bucureşti*, 1890.

STEFANESCU (SABBA) [1857-] Études sur les terrains Tertiaires de Roumanie. Contribution à l'étude des faunes Sarmatique, Pontique et Levantine. *pp. 147 : 12 pls., text illust. See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires . . . Paléontologie. No. 15. 4⁰. 1896.

Stefanescu (S.) Étude sur les terrains Tertiaires de Roumanie. Contribution à l'étude stratigraphique. *pp. 178 : 1 map geol. col., text illust.* 4⁰. *Lille*, 1897.
Thesis presented to the Faculty of Sciences at Paris.

STEFANI (CARLO DE) [1851-] Fossili Pliocenici dei dintorni di S. Miniato (Toscana). Molluschi Bivalvi ed Univalvi. *pp. 86.* 8⁰. *Pisa*, 1874.
Bull. Malacol. Ital. VII.

Stefani (C. DE) Escursione scientifica nella Calabria (1877-78), Jejo, Montalto e Capo Vaticano. Studio geologico. *pp. 292 : 2 maps col.* 4⁰. *Roma*, 1884.
R. Accad. Lincei. Ser. III, vol. XVIII.

Stefani (C. DE) Lias Inferiore ad Arieti dell' Appennino settentrionale. *pp. 68 . 4 pls.* 8⁰. *Pisa*, 1886.
Atti Soc. Toscana Sci. Nat. Vol. VIII, fasc. 1.

Stefani (C. DE) Le pieghe delle Alpi Apuane. Contribuzione agli studi sull' origine delle Montagne. *See* FLORENCE.—REALE ISTITUTO DI STUDI SUPERIORI, *&c.* Pubblicazioni del . . . Istituto . . . Sezione di Scienze fisiche e naturali. [No. 16.] 8⁰. 1889.

Stefani (C. DE) Divisione delle Montagne Italiane. 8⁰. *Torino*, 1893.
Boll. Club Alpino Italiano. Vol. XXVI, *pp. 167-196 : 1 map col.*

Stefani (C. DE) Notizie Geologiche. *See* SOMMIER (S.) L' Isola del Giglio, *&c.* 4⁰. 1900.

Stefani (C. DE) Die Phlegräischen Felder bei Neapel. *pp. iv, 201 : 1 pl. geol. col., text illust. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXXIII, no. 156. 4⁰. 1907.

Stefani (C. DE) & **others.** Samos. Étude géologique, paléontologique et botanique. Par . . . C. de Stefani . . . C. J. Forsyth Major et W. Barbey. *pp. 99 [3] : 14 pls.* 4⁰. *Lausanne*, 1891.
Contains :—
I. Introduction [by W. Barbey].
II. Bibliographie.
III. Documents Botaniques.
IV. Catalogue raisonné des espèces [of Plants] observées à Samos [by W. Barbey and C. J. F. Major].
V. Aperçu Géologique de l'Île de Samos, par C. de Stefani.
VI. Le Gisement ossifère de Mitylini, par C. J. F. Major.
A letter, printed in Samos, 1887, from Dr. Forsyth Major, to G. Meneghini, containing the earliest announcement of his palæontological discoveries in Cos and Samos, has been inserted.

Stefani (C. DE) & **others.** Karpathos. Étude géologique, paléontologique et botanique, par . . . C. de Stefani . . . C. J. Forsyth Major et W. Barbey. *pp. 180 : 15 pls.* 4⁰. *Lausanne*, 1895.
Contains :—
I. Introduction.
II. Bibliography. [By C. J. F. Major.]
III. Travaux de 1843, 1853, 1863, 1883, 1886. [A series of extracts.]
IV. Étude sur les noms d'Animaux, par C. J. F. Major.
V. Catalogue raisonné des Plantes, *&c.*
VI. Considérations générales sur la Flore, *&c.*
VII. Aperçu Géologique de l'Île, par C. de Stefani.
VIII. Description Paléontologique,

STEFANI (TEODOSIO DE) Cinipidi e loro Galle, *&c. pp. 12. See* PALERMO.—REALE ACCADEMIA DI SCIENZE, *&c.* Atti, *&c.* Nuovo Serie, Vol. X. 4⁰. 1889.

Stefani (T. DE) Zoocecidii e Cecidiozoi dell' *Atriplex halimus*, L., in Sicilia. *pp. 27 : 1 pl. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIII, mem. 9. 4⁰. 1900.

STEFANINI (GIUSEPPE) Sulla stratigrafia e sulla tettonica dei terreni miocenici del Friuli. *pp. iv, 32 : 2 pls.* 8⁰. *Venezia*, 1911.
Pubbl. Ufficio Idrogr. R. Magistrato alle Acque. No. 31.

STEFANO (GIOVANNI DI) Studj stratigrafici e paleontologici sul sistema cretaceo della Sicilia . . . 1. Gli strati con *Caprotina* di Termini-Imerese. *pp. xvi, 44 : 11 pls. See* PALERMO.—REALE ACCADEMIA DI SCIENZE, *&c.* Atti, *&c.* Nuovo Serie, Vol. X. 4⁰. 1889.

Stefano (GIOVANNI DI) Il calcare con grandi Lucine dei dintorni di Centuripe, in provincia di Catania. *pp. 71 : 4 pls. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XVI, mem. 12. 4⁰. 1903.

Stefano (GIOVANNI DI) Osservazioni Geologiche nella Calabria settentrionale e nel Circondario di Rossano. *pp. 119 [1] : 1 pl. See* ITALY.—*Reale Comitato Geologico.* Memorie, *&c.* Vol. IX, Appendice. 8⁰. 1904.

STEFANO (GIUSEPPE DE) Le argille a *Cœnopsammia Scillæ*, Seg., e le sabbie marine della contrada Corvo in Reggio di Calabria. *pp. 9 : 1 pl. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIII, mem. 5. 4⁰. 1900.

Stefano (GIUSEPPE DE) I Fossili e la Geologia di Capo Milazzo in Sicilia. *pp. 23. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIV, mem. 10. 4⁰. 1901.

STEFÁNSSON (STEFÁN) Flóra Íslands. Gefin út af hinu Íslenzka Bókmenntafjelagi. *pp. xxxvi, 258 [1] : text illust.* 8⁰. *Kaupmannahöfn*, 1901.

STEFF (L.) Geologische Karte von Lothringen.—Carte Géologique . . . de la Moselle. Échelle de 1 : 320,000 [*i. e.* 1 in. = 5 m. about]. 2ᵉ édition. *See* MOSELLE. [*Maps.*] s.sh. 1871.

STEFFAHNY (GUSTAVUS ÆMILIUS) Tentamen monographiæ Byrrhorum, Coleopterorum generis. Dissertatio inauguralis zoologico-medica, *&c. pp. [viii,] 42.* 8⁰. *Berolini*, 1842.

STEFFEN (GUILIELMUS AUGUSTUS) [1792-] De Ranis nonnullis observationes anatomicæ, quas . . . præside C. A. Rudolphi . . . defendet auctor, *&c. pp. 24 : 1 pl.* 4⁰. *Berolini* [1815].

STEFFEN (HANS) Beiträge zur Topographie und Geologie der Andinen Region von Llanquihue. *See* PHILIPPSON (A.) *& others.* Festschrift F. Freiherrn von Richthofen, *&c.* 8⁰. 1893.

STEFFENBURG (ADALRIK) Bidrag till kännedomen om Flodkräftuns naturalhistoria. Akademisk afhandling, *&c. pp. 72.* 8⁰. *Falun*, 1872.

STEFFENS (HENRIK) [1773-1845] Beyträge zur innern Naturgeschichte der Erde. Thl. 1.† *pp. 317.* 8⁰. *Freyberg*, 1801.

Steffens (H.) Vollständiges Handbuch der Oryktognosie. 4 Thl. 8⁰. *Halle*, 1811-24.

Steffens (H.) Anthropologie. 2 Bd. 8⁰. *Breslau*, 1822.

STEGER (Viktor) [1859-] Die schwefelführenden Schichten von Kokoschütz in Oberschlesien und die in ihnen auftretende Tertiärflora. Inaugural-Dissertation, *&c. pp. 30* [*2*]. 8⁰. *Ratibor*, 1883.

STEHLIK (J.) O voskotvorných žlazách Hmyzu. [Histology of the waxforming glands in Insects.] *pp. 55 : 2 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1906, no. 25. 8⁰. 1907.

STEHLIN (Hans Georg) [1870-] Ueber die Geschichte des Suiden-Gebisses. 2 Thl. *illust. See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. xxvi & xxvii.) 4⁰. 1899-1900.

Stehlin (H. G.) Die Säugetiere des Schweizerischen Eocaens. Critischer Catalog der Materialien. Thl. i→ *illust. See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* Vol. xxx, xxxi, xxxii, xxxiii, xxxv, xxxvi, xxxviii→ 4⁰. 1903→

STEIERMAERKISCH - STANDISCHES JOANNEUM ZU GRATZ. Das Mineralien-Kabinet . . . mit besonderer Berücksichtigung der mineralogischen Schausammlung, *&c. See* Aichorn (S. J. N.) 8⁰. 1855.

STEIERMARK. — Geognostisch - Montanistischer Verein fuer Steiermark. *See* Gratz.

STEIERMARK.—Naturwissenschaftlicher Verein. *See* Gratz.

STEIGER (George) Note on errors in the chemical analysis of Gypsum. *See* United States.—*Geological Survey.* Bulletin No. 413. 8⁰. 1910.

Steiger (G.) & **Clarke** (F. W.) The action of Ammonium chloride upon Silicates. *pp. 57. See* United States.—*Geological Survey.* Bulletin No. 207. 8⁰. 1902.

STEIGER (Jakob Robert) [1801-1862] Die Flora des Kantons Luzern, der Rigi und des Pilatus. Nebst einer Einleitung in die Pflanzenkunde überhaupt, *&c. pp. 635.* 8⁰. *Luzern*, 1860.

STEIN (Berthold) Flechten. *See* Breslau.—schlesische gesellschaft fuer vaterlaendische cultur. Kryptogamen-Flora von Schlesien. Bd. ii, hft. 2. 8⁰. 1879.

Stein (B.) *See* Gartenflora . . . Herausgegeben von . . . B. Stein. Jahrg. xxxiv & xxxv. 8⁰. 1885-86.

Stein (B.) Flechten von Kingua-Fjord.—Liste der von . . . J. Boas gesammelten Planzen. ii. Flechten. *See* Germany.—*Internationale Polarforschung, 1882-1883.* Die Deutschen Expeditionen, *&c.* Bd. ii, no. 4 & 5. 8⁰. 1890.

Stein (B.) Uebersicht über die auf . . . H. Meyer's drei Ostafrika-Expeditionen (1887-89) gesammelten Flechten. *See* Meyer (H. H. J.) Ostafrikanische Gletscherfahrten, *&c.* Anhang No. 3. 8⁰. 1890.

Stein (B.) Stein's Orchideenbuch. Beschreibung, Abbildung und Kulturanweisung der empfehlenswertesten Arten. *pp. vi* [*i,*] *602* [*2*] *: text illust.* 8⁰. *Berlin*, 1892.

STEIN (Friedrich von) *See* Stein (Samuel F. Nathanael von).

STEIN (Henri) [1862-] *See* Revue Internationale des Archives, des Bibliothèques & des Musées. Publiée sous la direction de . . . H. Stein, *&c.* Vol. i.† 8⁰. (1895-) 1897.

STEIN (Joh. Phil. Emil Friedrich) [1814-] Die lebenden Schnecken und Muscheln der Umgegend Berlins, *&c. pp. viii, 120 : 3 pls.* 8⁰. *Berlin*, 1850.

Stein (Joh. P. E. F.) [Catalogus Coleopterorum Europæ. Auctor . . . J. P. E. F. Stein. 8⁰. *Berlin*, 1868.]
Wanting.

—— Editio secunda. Auctoribus . . . J. P. E. F. Stein et J. Weise. *pp.* [*ii,*] *209.* 8⁰. *Berolini, &c.*, 1877.
Printed in triple column.

—— et Caucasi. Auctoribus . . . L. v. Heyden, E. Reitter et J. Weise. Editio tertia. *pp.* [*ii,*] *228.* 8⁰. *Berolini, &c.*, 1883.
Printed in triple column.
The work was afterwards extended to include Russian Armenia, and issued practically as a new work by Heyden, Reitter and Weise [*q.v.*].

Stein (Joh. P. E. F.) & **Weise** (J.) Catalogi Coleopterorum Europæ editio secunda. *See* Stein (Joh. P. E. F.) 8⁰. 1877.

STEIN (Johann Georg am) [1819-1892] Die Mollusken Graubündens, *&c. pp. 108. See* Chur.—naturforschende gesellschaft graubuendens. Jahresbericht, *&c.* Jahrg. xxvii & xxviii, Beilage. 8⁰. 1884-85.

STEIN (*Sir* Mark Aurel) *K.C.I.E.* [1862-] Preliminary sketch map to illustrate routes and surveys of Dr. Stein's expedition in Chinese Turkestan & Kansu, 1906-08 . . . Scale 1 : 4,000,000, or 1 inch = 63·12 . . . miles. *See* Royal Geographical Society. s.sh. 1909.

STEIN (Samuel Friedrich Nathanael von) [1818-1885] De Myriapodum partibus genitalibus, nova generationis theoria atque introductione systematica adjectis. Commentatio zoologico-anatomico-physiologica. *pp. 54 : 3 pls.* 4⁰. *Berolini*, 1841.
Archiv f. Anatomie, Physiologie, *&c.* 1842.

Stein (Samuel F. N. von) Grundriss der organischen Naturgeschichte . . . Erste Abtheilung †. Organographie der Pflanzen. *pp. iv, 152.* 8⁰. *Berlin*, 1845.

Stein (Samuel F. N. von) Vergleichende Anatomie und Physiologie der Insecten in Monographien bearbeitet . . . Erste Monographie †. Die weiblichen Geschlechtsorgane der Käfer. *pp. viii, 139 : 9 pls.* fol. *Berlin*, 1847.

Stein (Samuel F. N. von) Icones Zootomicæ. Mit Originalbeiträgen der Herren G. J. Allman . . . F. Stein . . . Erste Hälfte . . . Die wirbellosen Thiere. *See* Carus (J. V.) fol. 1857.

Stein (Samuel F. N. von) Der Organismus der Infusionsthiere nach eigenen Forschungen in systematischer Reihenfolge bearbeitet. 3 Abth. *illust.* fol. *Leipzig*, 1859-83.

Stein (Samuel F. N. von) Die Russischen Kosakenheere, *&c. pp. 39 : 1 map. See* Petermanns Mittheilungen, *&c.* Ergänzbd. xv, no. 71. 4⁰. 1883.

STEIN (Sigmund Theodor) [1840-1891] Die parasitären Krankheiten des Menschen. i. Entwickelungsgeschichte und Parasitismus der menschlichen Cestoden, *&c. pp.* [*vi,*] *52 : 14 pls., text illust.* 4⁰. *Lahr*, 1882.
Printed in double column.

STEIN (Sophus August Wilhelm) [1797-1868] S. A. W. Steinii . . . de thalamo et origine nervi optici in Homine et Animalibus Vertebratis dissertatio anatomica. *pp. 66 : 12 pls.* 4⁰. *Haunia*, 1834.

STEINBACH (Wilhelm) Historie des von dem edlen Serpentinstein weitbekannten Städtgens Zoeblitz im Meissnischen Oberertzgebürge, *&c. pp. 156.* 4⁰. *Dresden*, 1750.

STEINBERGER (Stephan) Vom Stilfser Joch auf die Königsspitze. *See* Mojsisovics von Mojsvár (J. A. G. E.) Aus dem Orteler Alpen. 8⁰. 1865.

STEINBRINCK (C.) Ueber den hygroskopischen Mechanismus von Staubbeuteln und Pflanzenhaaren. *See* Giesenhagen (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

STEINBUCH (Johann Georg) [-1818] Commentatio de *Tœnia hydatigena* anomala adnexis cogitatis quibusdam de vermium visceralium physiologia. *pp.* [*viii,*] *x* [*vi,*] *126 : 1 pl.* 8⁰. *Erlangœ*, 1802.

STEINDACHNER (Franz) Beiträge zur Kenntniss der fossilen Fisch-Fauna Oesterreichs. 4 Pt. *illust.* 8⁰. [*Vienna,*] 1859–63.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. xxxvii, xxxviii, xl & xlvii.

Steindachner (F.) Ichthyologische Notizen. i–x. *illust.* 8⁰. [*Vienna*, 1864–70.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. xlix, lii, liii, lv, lvi, lvii, lx & lxi.

Steindachner (F.) Catalogue préliminaire des poissons d'eau douce de Portugal conservés au Muséum d'Histoire Naturelle de Lisbonne. (—Suite.—Description d'une espèce nouvelle du genre *Hemichromis . . . H. angolensis*, Steind.) [With a note by J. V. Barbosa du Bocage.] 2 Pt. 4⁰. *Lisbonne*, 1864, 65.

—— [Another issue.] *See* Lisbon.—academia real das sciencias. Memorias, *&c.* Nova Serie, Tom. iii, pt. 2. 4⁰. 1865.

Steindachner (F.) Ichthyologischer Bericht über eine nach Spanien und Portugal unternommene Reise (Zweite —Sechste Fortsetzung). 6 Pt. *illust.* 8⁰. [*Vienna*, 1865–68.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lii, liv, lvi & lvii.

Steindachner (F.) Reptilien.—Amphibien. *See* Austria-Hungary. Reise der . . . Fregatte Novara . . . 1857–59. Zoologischer Theil. Bd. i, no. 3 & 4. 4⁰. 1867.

Steindachner (F.) Herpetologische Notizen. i & ii. *illust.* 8⁰. [*Vienna*, 1867, 70.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lv & lxi.

Steindachner (F.) Zur Fischfauna des Senegal. 3 Abth. *illust.* 8⁰. [*Vienna*, 1869–70.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lx & lxi.

Steindachner (F.) Ichthyologische Beiträge. i–xvii. *illust.* 8⁰. [*Vienna*, 1874–94.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lxix, lxxi, lxxii, lxxiv, lxxvii, lxxviii, lxxx, lxxxii, lxxxiii, lxxxvi, lxxxviii, xcvi, c, cii & ciii.

Steindachner (F.) Die Süsswasserfische des südöstlichen Brasilien. i–iv. *illust.* 8⁰. [*Vienna*, 1874–77.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lxix, lxxi, lxxiv & lxxvi.

Steindachner (F.) Beiträge zur Kenntniss der Chromiden des Amazonenstromes. *pp. 77 : 8 pls.* 8⁰. [*Vienna*, 1875.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lxxi.

Steindachner (F.) Die Schlangen und Eidechsen der Galapagos Inseln. *See* Vienna.—kaiserlich-koenigliche zoologisch-botanische gesellschaft. Festschrift, *&c.* 4⁰. 1876.

—— [Another issue.] *pp. 30 : 7 pls.* 4⁰. *Wien*, 1876.

Steindachner (F.) Ueber einige neue und seltene Fisch-Arten aus den K. K. Zoologischen Museen zu Wien, Stuttgart und Warschau. *pp. 51 : 9 pls.* 4⁰. *Wien*, 1879.
Denkschr. k. Akad. Wissensch. Wien. Bd. xli.

Steindachner (F.) Beiträge zur Kenntniss der Flussfische Südamerikas. 4 Pt. *illust.* 4⁰. *Wien*, 1879–82.
Denkschr. k. Akad. Wissensch. Wien. Bd. xli, xliii, xliv & xlvi.

Steindachner (F.) Beiträge zur Kenntniss der Fische Afrika's und Beschreibung einer neuen *Sargus*-Art von den Galapagos-Inseln. (Beschreibung einer neuen *Paraphoxinos*-Art aus der Herzegowina.) 2 Pt. *illust.* 4⁰. *Wien*, 1881, 82.
Denkschr. k. Akad. Wissensch. Wien. Bd. xliv & xlv.

Steindachner (F.) Fische von Jan Mayen, *&c.* *See* Vienna.—kaiserliche akademie der wissenschaften. Die Internationale Polarforschung, 1882–83, *&c.* Bd. iii, thl. 6. k. 4⁰. 1886.

Steindachner (F.) Ueber einige neue und seltene Reptilien- und Amphibien-Arten. *pp. 26 : 2 pls.* 8⁰. *Wien*, 1891.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. c.

Steindachner (F.) [Reptilia and Amphibia of the Teleki Expedition.] *See* Hoehnel (L. von) Zum Rudolph-See und Stephanie-See, *&c.* 8⁰. 1892.

Steindachner (F.) Ueber einige neue und seltene Fischarten aus der ichthyologischen Sammlung des K. K. Naturhistorischen Hofmuseums. *pp. 28 : 6 pls.* 4⁰. *Wien*, 1892.
Denkschr. k. Akad. Wissensch. Wien. Bd. lix.

Steindachner (F.) [List of the Reptiles, Amphibians and Fish of eastern Asia.] *See* Széchenyí (B.) *Baron.* Gróf Széchenyí B. Keletazsiai utjának tudományos Eredménye. Köt. ii. 4⁰. 1897.

Steindachner (F.) & **Doederlein** (L.) Beiträge zur Kenntniss der Fische Japan's. 4 Pt. *illust.* 4⁰. *Wien*, 1883–87.
Denkschr. k. Akad. Wissensch. Wien. Bd. xlvii–xlix & liii.

Steindachner (F.) & **Kner** (R.) Neue Beiträge zur Kenntniss der fossilen Fische Oesterreichs. *See* Kner (R.) & Steindachner (F.) 4⁰. 1863.

STEINECKE (Victor) [1862–] Ueber einige jüngere Eruptivgesteine aus Persien. Inaugural-Dissertation, *&c. pp. 71.* 8⁰. *Halle*, 1887.

STEINEN (Carl von den) [1855–] Allgemeines über die zoologische Thätigkeit und Beobachtungen über das Leben der Robben und Vögel auf Süd-Georgien. *See* Germany.—*Internationale Polarforschung, 1882–1883.* Die Deutschen Expeditionen, *&c.* Bd. ii, no. 10. 8⁰. 1890.

STEINER (Isidor) [1849–] Die Functionen des Centralnervensystems und ihre Phylogenese. Abth. i & ii. 8⁰. *Braunschweig*, 1885–88.
Abth. i. Untersuchungen über die Physiologie des Froschhirns. *pp. vi, 143 : text illust.* 1885.
,, ii. Die Fische. *pp. xii, 127 : text illust.* 1888.

Steiner (Isidor) Functioneller Beweis für die Richtigkeit der morphologischen Ansicht von der Entstehung des asymmetrischen Baues der Pleuronectiden (Flachfische). *See* Heidelberg.—naturhistorisch-medicinischer verein. Festschrift zur Feier des fünfhundertjährigen Bestehens der Ruperto-Carola. 8⁰. 1886.

STEINER (J.) *of Heidelberg. See* Steiner (Isidor).

STEINER (Julius) *Verrucaria calciseda. Petractis exanthematica.* Ein Beitrag zur Kenntniss des Baues und der Entwicklung der Krustenflechten. *pp. 50 : 2 pls.* 8⁰. *Wien & Leipzig* [1885].
Wissensch. Abhandl. No. 28.

Steiner (Julius) Ueber die Function und den systematischen Wert der Pycnoconidien der Flechten. 8⁰. [*Vienna*, 1901.]
"Festschrift zur Feier des zweihundert-jährigen Bestandes des K. K. Staatsgymnasiums im viii. Bezirke, Wiens," *&c. pp. 119–154.*

STEINHARDT (E. Th. G.) Die bis jetzt in Preuss. Geschieben gefundenen Trilobiten. *pp. 64 : 6 pls. See* Konigsberg.—physikalisch-oekonomische gesellschaft. Beiträge zur Naturkunde Preussens, *&c.* No. iii. 4⁰. 1874.

STEINHAUS (Carl Otto) [1870-] Die Verbreitung der Chætognathen im Südatlantischen und Indischen Ozean. Inaugural-Dissertation, *&c. pp. 49 : 1 pl., 2 maps.* 8⁰. *Kiel*, 1896.

STEINHEIL (Adolphe) [1810–1839] De l'Individualité, considérée dans le Règne Végétal, *&c. pp. 18 : text illust. See* Nancy.—Société des sciences. Mémoires, *&c.* Tom. ii, livr. 2. 4⁰. 1836.

Steinheil (A.) Observations Botaniques recueillies à Strasbourg pendant les années 1836 et 1837, *&c. pp. 12 : text illust. See* Nancy.—Société des sciences. Mémoires, *&c.* Tom. iii, livr. 1. 4⁰. 1840.

STEINHEIL (Eduard) [1830–1878] Contribution à la Faune Entomologique des Etats-Unis de Colombie. Catalogue des Lycides recueillis par M. E. Steinheil (1872–73) . . . 1re partie, *&c. See* Bourgeois (J.) 8⁰. 1879.

STEINHEIL (Fritz) Die Europäischen Schlangen, *&c.* Hft. 1→ 4⁰. *Jena*, 1913→
Title from wrapper.

STEINHEIM (Salomon Levi) [1789-] Die Entwickelung der Frösche, *&c. pp. xvi, 83 : 3 pls.* 8⁰. *Hamburg*, 1820.

Steinheim (S. L.) Die Entwickelung des Froschembryo's ; insbesondere des Muskel- und Genitalsystem's, *&c. pp. 17–97 : 2 pls. See* Hamburg.—Naturwissenschaftlicher Verein. Abhandlungen, *&c.* Bd. i, no. 2. 4⁰. 1846.

STEININGER (Johann) [1794–1874] Geognostische Studien am Mittelrheine. *pp. viii, 224.* 8⁰. *Mainz*, 1819.

Steininger (J.) Die erloschenen Vulkane in der Eifel und am Niederrheine. *pp. 180 : 2 pls. (col.)* 8⁰. *Mainz*, 1820.

Neue Beiträge zur Geschichte der Rheinischen Vulkane . . . Der erloschenen Vulkane in der Eifel und am Niederrheine zweiter Theil. *pp. 116 : 2 pls.* 8⁰. *Mainz*, 1821.

Steininger (J.) Bemerkungen über die Eifel und die Auvergne. *pp. 48.* 8⁰. *Mainz*, 1824.

Steininger (J.) Essai d'une Description Géognostique du Grand-Duché de Luxembourg, *&c. pp. 87 : 3 pls. See* Brussels. — Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. vii. 4⁰. 1828.

Steininger (J.) Geognostische Beschreibung des Landes zwischen der untern Saar und dem Rheine, *&c. pp. 149 : 15 pls., 2 maps col.* 8⁰. *Trier*, 1840.

—— Nachträge. *pp. 48 : 4 pls.* 4⁰. *Trier*, 1841.

Steininger (J.) Die Versteinerungen des Uebergangsgebirges der Eifel. *pp. 34.* 4⁰. *Trier*, 1849.

Steininger (J.) Geognostische Beschreibung der Eifel. *pp. 143 : 10 pls., 1 map (col.)* 4⁰. *Trier*, 1853.

STEINMANN (Gustav)
See Steinmann (Johann H. C. G. G.)

STEINMANN (Johann Heinrich Conrad Gottfried Gustav) [1856-] Geologischer Führer der Umgegend von Metz. *pp. 48 : 1 pl., text illust.* 8⁰. *Metz*, 1882.
Jahresb. Verein. Erdkunde Metz. No. 4.

Steinmann (Johann H. C. G. G.) Atlas der Geologie . . . von . . . H. Berghaus . . . Nach dem Tode des Verfassers in einigen Karten fertiggestellt von . . . Dr. Steinmann. *See* Berghaus (H.) Berghaus' physikalischer Atlas, *&c.* Abt. i. fol. (1886–) 1892.

Steinmann (Johann H. C. G. G.) Erläuterungen zur geologischen Uebersichtskarte des westlichen Deutsch-Lothringen. Bearbeitet von . . . G. Steinmann, *&c. pp. 99 : 2 pls. (col.), text illust. See* Alsace-Lorraine. — *Commission fuer die Geologische Landes-Untersuchung, &c.* 8⁰. 1887.

Steinmann (Johann H. C. G. G.)
Zur Entstehung des Schwarzwaldes.
Die Nagelfluh von Alpersbach im Schwarzwalde. Ein Beitrag zur Geschichte der alemannischen Gebirgstafel.
See Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. iii, hft. 1 ; iv, hft. 1. 8⁰. 1888.

Steinmann (Johann H. C. G. G.)
Vorläufige Mittheilungen über die Organisation der Ammoniten.
Ueber das Alter des Apenninkalkes von Capri.
Ueber Schalen- und Kalksteinbildung.
See Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. iv, hft. 3 & 5. 8⁰. 1889.

Steinmann (Johann H. C. G. G.) Geologische Verbreitung und Stammesgeschichte der Cephalopoden. *pp. 15 : text illust.* 8⁰. [*Leipsic*, 1889.]
Reprinted from Steinmann & Döderlein's "Elemente der Paläontologie."

Steinmann (Johann H. C. G. G.) Bemerkungen über die tektonischen Beziehungen der Oberrheinischen Tiefebene zu dem Nordschweizerischen Kettenjura. *pp. 10 : 1 text illust. See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. vi, hft. 4. 8⁰. 1892.

Steinmann (Johann H. C. G. G.) Ueber triadische Hydrozoen vom östlichen Balkan und ihre Beziehungen zu jüngeren Formen. *pp. 46 : 3 pls.* 8⁰. *Wien*, 1893.
Sitzungsb. k. Akad. Wissens. Wien. Bd. cii.

Steinmann (Johann H. C. G. G.) Das Alter der paläolithischen Station vom Schweizerbild bei Schaffhausen und die Gliederung des jüngern Pleistocän. *pp. 11. See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. ix, hft. 2. 8⁰. 1894.

Steinmann (Johann H. C. G. G.) Geologische Beobachtungen in den Alpen. 2 Pt. [in 3] *illust. See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. ix, hft. 3 ; x, hft. 2 ; & xvi. 8⁰. 1895–1906.

Steinmann (Johann H. C. G. G.)
Ueber die Bildungsweise des dunklen Pigments bei den Mollusken, nebst Bemerkungen über die Entstehung von Kalkkarbonat. *pp. 6.*
Ueber *Boueïna*, eine fossile Alge aus der Familie der Codiaceen. *pp. 11 : text illust.*
See Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. xi, hft. 1. 8⁰. 1899.

Steinmann (Johann H. C. G. G.) Einführung in die Paläontologie. *pp. ix, 466 : text illust.* 8⁰. *Leipzig*, 1903.

—— Zweite . . . Auflage. *pp. xii, 542 : text illust.* 8⁰. *Leipzig*, 1907.

Steinmann (Johann H. C. G. G.) Observaciones Geológicas efectuadas desde Lima hasta Chanchamayo. *pp. 27 : 2 pls., text illust. See* Peru.—Cuerpo de ingenieros de minas. Boletín, *&c.* No. 12. 8⁰. 1904.

Steinmann (Johann H. C. G. G.) Die paläolithische Renntierstation von Munzingen am Tuniberge bei Freiburg i. B. *pp. 41 : text illust. See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. xvi. 8⁰. 1906.

Steinmann (JOHANN H. C. G. G.) Die Entstehung der Kupfererzlagerstätte von Corocoro und verwandter Vorkommnisse in Bolivia. *See* WUELFING (E. A.) Festschrift H. Rosenbusch, *&c.* 4⁰. 1906.

Steinmann (JOHANN H. C. G. G.) Ueber Gesteinsverknetungen. *See* NEUES JAHRBUCH FUER MINERALOGIE . . . Festband zur Feier des 100jährigen Bestehens, 1807–1907. 8⁰. 1907.

Steinmann (JOHANN H. C. G. G.) Die geologischen Grundlagen der Abstammungslehre. *pp. viii [i,] 284 : text illust.* 8⁰. *Leipzig*, 1908.

Steinmann (JOHANN H. C. G. G.) Handbuch der Regionalen Geologie, herausgegeben von . . . G. Steinmann und . . . O. Wilckens. Bd. I→ 8⁰. *Heidelberg*, 1910→

Bd. I, abth. 1. Deutschland. [Not yet published.]
" " " 2. Dänemark, von N. V. Ussing. *pp. 38 : text illust.* 1910.
" " " 3. Niederlande, von G. A. F. Molengraaff und W. A. J. M. van Waterschoot van der Gracht. *pp. 98 : text illust.* 1913.
" " " 4. Belgien. [Not yet published.]
" " " 5. Böhmen. [Not yet published.]
" II, " 1. Oesterreich. [Not yet published.]
" " " 2. Schweiz. [Not yet published.]
" " " 3. Ungarn. [Not yet published.]
" " " 4. Galizien. [Not yet published.]
" " " 5. Alpen. [Not yet published.]
" " " 6. Italien. [Not yet published.]
" " " 7. Sardinien und Corsika. [Not yet published.]
" III, " 1. Grossbritannien und Irland. [Not yet published.]
" " " 2. Frankreich. [Not yet published.]
" " " 3. La Péninsule Ibérique. A. — Espagne, par R. Douvillé. *pp. 175 : 1 map, text illust.* 1911.
" " " 4. Portugal. [Not yet published.]
" IV, " 1. Island, von H. Pjeturss. *pp. 22 : text illust.* 1910.
" " " 2. Spitzbergen. [Not yet published.]
" " " 3. Grönland. [Not yet published.]
" " " 4. Nordpolarländer. [Not yet published.]
" " " 5. Schweden. [Not yet published.]
" " " 6. Norwegen. [Not yet published.]
" " " 7. Finnland. [Not yet published.]
" " " 8. Russland. [Not yet published.]
" " " 9. Sibirien. [Not yet published.]
" V, " 1. Balkanhalbinsel. [Not yet published.]
" " " 2. Kleinasien. [Not yet published.]
" " " 3. Armenien, von F. Oswald. *pp. 40 : 1 pl., 3 maps.* 1912.
" " " 4. Arabien und Syrien. [Not yet published.]
" " " 5. Kaukasus. [Not yet published.]
" " " 6. Persien, von A. F. Stahl. *pp. 46 : 2 maps, text illust.* 1911.
" " " 7. Zentralasien. [Not yet published.]
" VI, " 1. Indien. [Not yet published.]
" " " 2. China. [Not yet published.]
" " " 3. Japan. [Not yet published.]
" " " 4. Korea. [Not yet published.]
" " " 5. The Philippine Islands, by W. D. Smith. *pp. 24 : text illust.* 1910.
" " " 6. Sundagebiet. [Not yet published.]
" " " 7. Meeresboden. [Not yet published.]
" VII, " 1. New Zealand, and adjacent islands, by P. Marshall. *pp. 78 : text illust.* 1911.
" " " 2. Oceania, by P. Marshall. *pp. 36 : text illust.* 1911.
" " " 3. Australien. [Not yet published.]
" " " 4. Madagascar, par P. Lemoine. *pp. 44 : text illust.* 1911.
" " " 5–9. Kontinent Afrika. [Not yet published.]
" " " 10. Die Mittelatlantischen Vulkaninseln, von C. Gagel. *pp. 32 : text illust.* 1910.
" VIII, " 1. Canada. [Not yet published.]
" " " 2. United States of North America, by E. Blackwelder *pp. 258 : text illust.* 1912.
" " " 3. Mexico. [Not yet published.]
" " " 4. Mittelamerika. [Not yet published.]
" " " 5. Südamerika. [Not yet published.]
" " " 6. Antarktis. [Not yet published.]
Anhang, Register, *&c.*

Steinmann (JOHANN H. C. G. G.) & **Buecking** (F. C. B. H.) Zur Geologie der Küsten des Cumberlandgolfes. *See* GERMANY. — *Internationale Polarforschung, 1882–1883.* Die Deutschen Expeditionen, *&c.* Bd. II, no. 6. 8⁰. 1890.

Steinmann (JOHANN H. C. G. G.) & **Doederlein** (L.) Elemente der Paläontologie. 2 Hft. *pp. xi, xix, 848 : text illust.* 8⁰. *Leipzig*, 1888, 90 [*i.e.* 1889].

Steinmann (JOHANN H. C. G. G.) & **Wilckens** (O.) Vorläufiger Bericht über die Bearbeitung der von der Schwedischen Expedition . . . gesammelten marinen Fossilien. *See* SWEDEN. Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895–97, *&c.* Bd. I, no. 7. 8⁰. 1907.

Steinmann (JOHANN H. C. G. G.) & **Wilckens** (O.) Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition, 1895–1897. *pp. 118 : 7 pls., text illust. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologie, *&c.* Bd. IV, no. 6. 8⁰. 1908.

STEINMANN (JOHANN JOSEPH) [1779–1833] Chemische Untersuchung des Karpholiths. *pp. 16. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. VI. 8⁰. 1819.

Steinmann (JOHANN J.) Ueber ein neues Fossil, *&c. pp. 7. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Neue Folge, Bd. I. 8⁰. 1827.

STEIN-NORDHEIM (VON) & **Schneer** (J.) The History of Vesuvius from A.D. 79 to A.D. 1894. *See* SCHNEER (J.) & STEIN-NORDHEIM (VON). 8⁰. (1895.)

STEINRIEDE (FRANZ) Anleitung zur mineralogischen Bodenanalyse unter Anwendung der neueren petrographischen Untersuchungs-Methoden insbesondere zur Bestimmung der abschlämmbaren Teile des Bodens. *pp. viii, 167 : text illust.* 8⁰. *Leipzig*, 1889.

STEINVORTH (HEINRICH) Phanerogamen-Flora des Fürstenthums Lüneburg und seiner nächsten Begränzung. Tabellen zu einer leichten Bestimmung aller daselbst wildwachsenden und der in Gärten und Feldern häufig gebauten phanerogamischen Gewächse. *pp. xiv, 170.* 8⁰. *Lüneburg*, 1849.

Steinvorth (H.) Zur wissenschaftlichen Bodenkunde des Fürstenthums Lüneburg. *pp. 35 : 1 map geol. col.* 4⁰. *Lüneburg*, 1864.
Progr. des Johanneums zu Lüneburg.

STEINVORTH (JOHANNES) & **Fischer-Benzon** (R. J. D. VON) Ueber die Flora der Umgegend von Hadersleben, *&c. See* FISCHER-BENZON (R. J. D. VON) & STEINVORTH (J.) 4⁰. 1873.

STEJNEGER (LEONHARD) [1851–] Aves [Introduction] — Saururæ — Odontotormæ — Odontoholcæ — Eurhipduræ — Struthiones to Steganopodes — Passeres. *See* KINGSLEY (J. S.) The Standard Natural History, *&c.* Vol. IV. 4⁰. 1885.

Stejneger (L.) Results of Ornithological explorations in the Commander Islands and in Kamtschatka. *pp. 382 : 8 pls. col. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 29. 8⁰. 1885.

Stejneger (L.) Annotated list of Reptiles and Batrachians collected . . . on the San Francisco mountain plateau and desert of the Little Colorado, Arizona, with descriptions of new species. *See* UNITED STATES. — *Department of Agriculture.* — *Division of Ornithology and Mammalogy.* North American Fauna. No. 3. 8⁰. 1890.

Stejneger (L.) Annotated list of Reptiles and Batrachians collected . . . in Idaho, 1890. *See* UNITED STATES. — *Department of Agriculture.* — *Division of Ornithology and Mammalogy.* North American Fauna. No. 5. 8⁰. 1891.

Stejneger (L.) Directions for collecting Reptiles and Batrachians. *pp. 13 : text illust. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 39, pt. E. 8⁰. 1891.

Stejneger (L.) The Asiatic Fur-Seal Islands and Fur-Seal Industry. *See* UNITED STATES. — *Fur-Seal Enquiry.* The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, *&c.* Pt. IV. 8⁰. 1898.

Stejneger (L.) Reports upon the Insects, Spiders, Mites, and Myriapods collected by . . . L. Stejneger and . . . G. E. H. Barrett-Hamilton on the Commander Islands. Edited by W. H. Ashmead. *See* UNITED STATES.—*Fur-Seal Enquiry.* The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, *&c.* Pt. IV, Appendix I. 8⁰. 1898.

Stejneger (L.) Herpetology of Japan and adjacent territory. *pp. xx, 577 : 34 pls., 1 map, text illust. See* UNITED STATES NATIONAL MUSEUM. Bulletin No. 58. 8⁰. 1907.

Stejneger (L.) Hjorten og den Skotsk-Norske landbro. *pp. 10. See* BERGEN. — BERGENS MUSEUM. Bergens Museums Aarbog, 1908, no. 14. 8⁰. 1909.

Stejneger (L.) [Batrachians and Reptiles from Patagonia.] *See* PRINCETON. — PRINCETON UNIVERSITY. Reports of the Princeton University Expeditions to Patagonia, 1896–1899, *&c.* Vol. III, pt. 2. 4⁰. 1909.

STEKHOVEN (H. SCHUURMANS)
See SCHUURMANS STEKHOVEN (H.)

STELFOX (ARTHUR WILSON) [1883–] Land and Fresh-Water Mollusca [from Clare Island]. *pp. 64 : 2 pls., 1 text illust. See* ROYAL IRISH ACADEMY. Proceedings, *&c.* Vol. XXXI, pt. 23. 8⁰. 1912.

STELL (ADRIEN VANDER) Poissons, Écrevisses et Crabes . . . que l'on trouve autour des Isles Moluques, et sur les côtes des Terres Australes . . . recueils de M. A. Vander Stell, *&c.* Tom. II. *See* RENARD (L.) fol. [1718–19.]

—— [Another edition.] fol. 1754.

STELLA (AUGUSTO) Descrizione Geognostico-agraria del Colle Montello (provincia di Treviso). *pp. ix, 82 : 13 pls., 3 maps (col.) See* ITALY.—*Reale Comitato Geologico.* Memorie descrittive, *&c.* Vol. XI. 8⁰. 1902.

Stella (A.) Geologische Karte der Simplon-Gruppe, 1:50,000 [*i.e.* 1 m. = 1¼ in. about] . . . mit Verwertung der Aufnahmen von A. Stella, *&c. See* SWITZERLAND. —*Carte Géologique Suisse.* Erläuterungen zur geologischen Karte der Simplongruppe in 50,000, *&c.* Taf. I. s.sh., *col.*, 1908.

STELLA STARRABBA (FRANCESCO) Il Cratere di Santa Teresa nei Campi Flegrei. *pp. 21 : 4 pls. See* NAPLES.— REALE ACCADEMIA DELLE SCIENZE, *&c.* Atti, *&c.* Ser. II, vol. XIV, no. 7. 4⁰. 1910.

Stella Starrabba (F.) Sull' esistenza di bocche eruttive a sud est di Mompilieri formatesi durante l'eruzione dell' Etna del 1669. *pp. 7 : text illust. See* CATANIA. —ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. V, vol. IV, no. 13. 4⁰. 1911.

Stella Starrabba (F.) & **others.** L' Eruzione Etnea del 1910. 6 Pt. *illust. See* CATANIA. — ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. V, vol. IV, no. 17–22. 4⁰. 1911.

STELLALAND. [*Maps.*] Map of Stellaland, compiled . . . by R. A. Lavertine. [Scale 1 in. = 6 m.] s.sh. *Cape Town*, 1884.

STELLA POLARE, *Italian Vessel.* La "Stella Polare" nel Mare Artico, 1899–1900, *&c. See* LUIGI AMEDEO GIUSEPPE MARIA FERDINANDO FRANCESCO, *Duke of Abruzzi.* 8⁰. 1903.

STELLATI (VINCENZO) [1780–1852] [Istituzione Botanica, con alcune nozioni di Fisiologia Vegetabile. 8⁰. *Napoli*, 1809.]
Wanting.

—— Seconda edizione. *pp. xxxvi, 285.* 8⁰. *Napoli*, 1818.

Stellati (V.) Catalogus Plantarum quæ in Horto Botanico ad usum Collegii Medico-Chirurgici nuper consito coluntur. *pp. xvi, 62.* 4⁰. *Neapoli*, 1818.

STELLER (GEORG WILHELM) [1709–1746] G. W. Stellers ausführliche Beschreibung von sonderbaren Meerthieren, *&c. pp. [xx,] 218 : 1 pl.* 8⁰. *Halle*, 1753.

Steller (G. W.) G. W. Stellers . . . Beschreibung von dem Lande Kamtschatka, dessen Einwohnern, deren Sitten, Nahmen, Lebensart und verschiedenen Gewohnheiten, herausgegeben von J. B. S[cherer. With a life of the author]. (Geographie und Verfassung von Kamtschatka aus verschiedenen schriftlichen- und mündlichen Nachrichten, gesammlet zu Jakuzk, 1737.) *pp. [viii,] 24 [iv,] 384, (71) : 8 pls., 2 maps, text illust.* 8⁰. *Frankfurt & Leipzig*, 1774.

Steller (G. W.) J. G. Gmelini . . . Reliquias quæ super sunt commercii epistolici cum . . . G. Stellero . . . Floram Gmelini Sibiricam ejusque Iter Sibiricum . . . concernentis, *&c. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. 8⁰. 1861.

STELLUTI (FRANCESCO) [1577–1646] Trattato del Legno fossile minerale nuovamente scoperto, *&c. pp. 12 : 13 pls.* 4⁰. *Roma*, 1637.

STELZNER (ALFRED WILHELM) [1840–1895] Die Granite von Geyer und Ehrenfriedersdorf, sowie die Zinnerzlagerstätten von Geyer. *pp. vi, 58 : 3 pls. (1 col.)* 8⁰. *Freiberg*, 1865.
Forming Hft. 1 of the "Beiträge zur geognostischen Kenntniss des Erzgebirges," published by the Mining Bureau of Saxony.

Stelzner (A. W.) Petrographische Bemerkungen über Gesteine des Altai, mit besonderer Berücksichtigung des in der Kaiserlichen Steinschleiferei zu Kolywan benutzten Rohmateriales. *See* COTTA (B. VON) Der Altai, *&c.* 8⁰. 1871.

Stelzner (A. W.) Beiträge zur Geologie und Palaeontologie der Argentinischen Republik. I. Geologischer Theil. *pp. xxix, 329 : 3 pls. col., 1 map col.* 4⁰. *Cassel & Berlin*, 1885.

—— II. Palaeontologischer Theil. *See* PALAEONTOGRAPHICA. Supplement. Bd. III, lief. 2. 4⁰. 1876–78.

Stelzner (A. W.) Die Silber-Zinnerzlagerstätten Bolivias, *&c. pp. 94 : 1 map col.* 8⁰. *Freiberg i. Sachs.*, 1897.
Zeitschr. Deutsch. Geol. Ges. Bd. XLIX.

Stelzner (A. W.) Die Erzlagerstätten. Unter Zugrundelegung der von A. W. Stelzner hinterlassenen Vorlesungsmanuskripte und Aufzeichnungen, bearbeitet von . . . A. Bergeat. 3 Pt. *pp. vi, xi [ii,] 15, 1330 : 2 pls. col., 3 maps (col.), text illust.* 8⁰. *Leipzig*, 1904–06.

Stelzner (A. W.) & **Proelss** (O.) Atlas der Mineralogie. *pp. 40 : 4 pls.* 8⁰. *Leipzig*, 1875.

STEMFOORT (J. W.) & **Siethoff** (J. J. TEN) Atlas der Nederlandsche Bezittingen in Oost-Indië. *14 maps col.* fol. *'s Gravenhage*, 1883–85.

STENBERG (STEN) Salices Lapponiæ. Quarum descriptiones . . . p. p. N. J. Anderson . . . et S. Stenberg . . . Pars III. *See* ANDERSON (N. J.) 8⁰. 1845.

STENFORT (F.) Les plus belles Plantes de la Mer. Methode à suivre dans la recherche et la recolte des Algues . . . Deuxième tirage. *pp. 163 : 49 pls. of mounted specimens.* 8⁰. *Paris*, 1877.
The first edition appeared in 1874.

STENHAMMAR (CAROLUS) De Rosis Svecanis tentamen primum, *&c.* *See* AFZELIUS (A.) 4⁰. [1804.]

STENHAMMAR (CHRISTIANUS) [1783–1866] & **Fries** (E. M.) Schedulæ (Novæ Schedulæ) criticæ de Lichenibus exsiccatis Sueciæ. 14 fasc. *See* FRIES (E. M.) & STENHAMMAR (C.) 4⁰. 1824–33.

STENHOUSE (JOHN) [1809–1880] Chemical Report on the mode of detecting Vegetable Substances mixed with Coffee, for the purpose of Adulteration, *&c.* *See* GRAHAM (T.) *& others.* fol. 1852.

STENIUS (JACOBUS) Specimen academicum de principiis Vegetationis, cujus partem priorem . . . sistit . . . J. Stenius, *&c.* *See* WALLERIUS (J. G.) 4⁰. [1751.]

STENO (NICOLAUS) [*i.e.* NIELS STEENSEN] *Bishop of Titiopolis* [1638–1686] The Prodromus to a Dissertation concerning Solids naturally contained within Solids . . . Englished by H. O. *pp.* [*xvi,*] *112 : 1 pl.* 8⁰. *London*, 1671.
Wanting the plate.
The Latin original was issued at Florence in 1669.

Steno (N.) *Bishop of Titiopolis.* Extrait de la dissertation de N. Sténon sur les corps solides qui se trouvent contenus naturellement dans d'autres corps solides. *See* COLLECTION ACADÉMIQUE, *&c.* Partie Étrangère. Tom. IV. 4⁰. 1757.

Steno (N.) *Bishop of Titiopolis.* An examination of Dr. Woodward's Account of the Deluge, &c. With a comparison between Steno's Philosophy and the Doctor's, *&c.* *See* ARBUTHNOT (J.) 8⁰. 1697.

STENONE (NICOLA)
See STENO (N.) *Bishop of Titiopolis.*

STENROOS afterwards **Kiwirikko** (KARL EMIL) Nurmijärven pitäjän siemen- ja saniais-kasvisto. *pp. 85.* *See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. IX, no. 11. 8⁰. 1894.

Stenroos afterwards **Kiwirikko** (K. E.) Die Cladoceren der Umgebung von Helsingfors. *pp. 44 : 1 pl.* *See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XI, no. 2. 8⁰. 1895.

Stenroos afterwards **Kiwirikko** (K. E.) Zur Kenntniss der Crustaceen-Fauna von Russisch-Karelien. Cladocera, Calanidæ. *pp. 72, 1 tab. : 1 pl., 1 map.* *See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XV, no. 2. 8⁰. 1897 (1899).

Stenroos afterwards **Kiwirikko** (K. E.) Das Thierleben im Nurmijärvi-See. Eine faunistisch-biologische Studie. *pp. 259 : 3 pls., 1 map col.* *See* HELSINGFORS. —SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XVII, no. 1. 8⁰. 1899.

STENSEN (NIELS) *See* STENO (N.) *Bishop of Titiopolis.*

STENSTRÖM (KARL OTTO EDWARD) [1858–1901] Värmländska Archieracier anteckningar till Skandinaviens *Hieracium*-Flora. Akademisk afhandling, *&c.* *pp. 76, 3 tabs.* 8⁰. *Upsala*, 1890.

Stenström (K. O. E.) Bidrag till Skånes *Hieracium*-Flora. *pp. 42.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. III, no. 7. 8⁰. 1896 (1897).

Stenström (K. O. E.) K. O. E. Stenströms studier öfver expositionens inflytande på Vegetationen, *&c.* *pp. 54 : 1 pl.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. IV, no. 4. 8⁰. 1905.

STENZEL (KARL GUSTAV WILHELM) [1826–1905] De Trunco Palmarum fossilium. — Dissertatio inauguralis, *&c.* *pp. 18 : 2 pls.* 4⁰. *Vratislaviæ*, 1850.
Practically a Latin translation of the first of his "Zwei Beiträge zur Kenntniss der fossilen Palmen," *&c.*, in the "Nova Acta Acad. Cæs. Leop.-Carol." Tom. XXII, pt. 2.

Stenzel (K. G. W.) Ueber die Staarsteine. 4⁰. [*Breslau & Bonn,*] 1854.
Nova Acta Acad. Cæs. Leop.-Carol. Tom. XXIV, *pp. 751–896 : 7 pls.*

Stenzel (K. G. W.) Betrachtungen über das Wachsthum der Farnkräuter. *pp. 20.* 4⁰. *Cüstrin*, 1855.
Jahresb. Höhere Bürgerschule zu Cüstrin.

Stenzel (K. G. W.) Untersuchungen über Bau und Wachsthum der Farne. I. Stamm und Wurzel von *Ophioglossum vulgatum.* (—II. Ueber Verjüngungserscheinungen bei den Farnen.) 2 Pt. *illust.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXVI & XXVIII, no. 8. 4⁰. 1858, 61.

Stenzel (K. G. W.) Gefäss-Kryptogamen. *See* BRESLAU.—SCHLESISCHE GESELLSCHAFT FUER VATERLAENDISCHE CULTUR. Kryptogamen-Flora von Schlesien. Bd. I. 8⁰. 1876.

Stenzel (K. G. W.) Beobachtungen an durchwachsenen Fichtenzapfen. Ein Beitrag zur Morphologie der Nadelhölzer. *pp. 52 : 4 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXVIII, no. 3. 4⁰. 1876.

Stenzel (K. G. W.) *Rhizodendron Oppoliense*, Göpp. *pp. 30 : 3 pls.* *See* BRESLAU. — SCHLESISCHE GESELLSCHAFT FUER VATERLAENDISCHE CULTUR. Jahresbericht, *&c.* No. 63, Ergänzhft. 8⁰. 1886.

Stenzel (K. G. W.) Nachträge zur Kenntniss der Coniferenhölzer der palaeozoischen Formationen. Aus dem Nachlass von H. R. Göppert . . . bearbeitet von G. Stenzel. *pp. 68 : 12 pls.* *See* BERLIN.—KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1887. 4⁰. 1888.

Stenzel (K. G. W.) Die Gattung *Tubicaulis*, Cotta. *pp. iv, 50 : 7 pls.* *See* DRESDEN.—KOENIGLICHES MINERALOGISCH-GEOLOGISCHES UND PRAEHISTORISCHES MUSEUM. Mittheilungen, *&c.* Hft. VIII. 4⁰. 1889.

—— [Another issue.] *See* BIBLIOTHECA BOTANICA. Hft. XII. 4⁰. 1889.

Stenzel (K. G. W.) Blütenbildungen beim Schneeglöckchen (*Galanthus nivalis*) und Samenformen bei der Eiche (*Quercus pedunculata*). *pp. 65 : 6 pls.* *See* BIBLIOTHECA BOTANICA. Hft. XXI. 4⁰. 1890.

Stenzel (K. G. W.) *Palmoxylon iriarteum*, n.sp., ein fossiles Palmenholz aus Antigua. *pp. 18 : 2 pls.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. III, no. 11. 8⁰. 1897.

Stenzel (K. G. W.) I. Verkieselte Farne von Kamenz in Sachsen. II. *Rhizocaulon Antiguense*, nov. sp. *pp. 24 : 3 pls.* *See* DRESDEN.—KOENIGLICHES MINERALOGISCH-GEOLOGISCHES UND PRAEHISTORISCHES MUSEUM. Mittheilungen, *&c.* Hft. XIII. 4⁰. 1897

Stenzel (K. G. W.) Abweichende Blüten heimischer Orchideen, mit einem Rückblick auf die der Abietineen. *pp. 136 : 6 pls.* *See* BIBLIOTHECA BOTANICA. Hft. LV. 4⁰. 1902.

STEP (EDWARD) *See* SCIENCE-GOSSIP . . . Edited by . . . E. Step. New Series, Vol. I. 4⁰. 1894-95.

Step (E.) [Wayside and Woodland Blossoms : a pocket guide to British Wild-Flowers for the country rambler. 8⁰. *London*, 1895.]

Wanting.

—— (First Series) . . . Second edition. *pp. xiii, 172 : 128 pls. col., text illust.* 8⁰. *London & New York*, 1896.

—— (Second Series.) *pp. xv, 170 : 128 pls. col., text illust.* 8⁰. *London & New York*, 1896.

Step (E.) Wayside and Woodland Trees. *pp. 182 : 127 pls., text illust.* 8⁰. *London & New York*, 1904.

Step (E.) Toadstools and Mushrooms of the Countryside : a pocket guide to the larger Fungi. *pp. xvi, 143 : 136 pls. back to back (8 col.)* 8⁰. *London* [1913].

STEPANOV (PAVEL Ĭ.) [1880-] Detal'naya Gheologhicheskaya Karta Donetzkagho Kamennoughol'nagho basseĭna, *&c.* — Carte Géologique détaillée du bassin Houiller du Donetz. Description de la feuille VII-25 (-26), *&c.* 2 Pt. *illust.* *See* RUSSIA.—*Comité Géologique.* 8⁰. 1910 (-11).

Stepanov (PAVEL Ĭ.) [For official publications in connection with the maps of the Survey] *See* RUSSIA. — *Comité Géologique.*

STEPANOV (PAVEL TĪKHONOVĪCH) [1839-] Ueber Geschlechtsorgane und Entwickelung von *Ancylus fluviatilis. pp. 16 : 1 pl.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. X, no. 8. 4⁰. 1866.

Stepanov (PAVEL T.) Opīsanie Myaghkotyeluikh īz rodov *Anodonta* ī *Unio* naĭdennuikh v okrestnostyakh gh. Khar'kova. [Descriptions of the Mollusca belonging to the genera *Anodon* and *Unio* found in the region of the Kharkov govt.] *pp. 7.* *See* KHARKOV. — OBSHCHESTVO ĪSPUITATELEĬ PRĪRODUI, *&c.* Trudui, *&c.* Tom. II, no. 9. 4⁰. 1870.

Stepanov (PAVEL T.) O parazītizmye zaroduisheĭ Nayad. [On the parasitism of the embryo Naiad.] *pp. 13.* *See* KHARKOV. — OBSHCHESTVO ĪSPUITATELEĬ PRĪRODUI, *&c.* Trudui, *&c.* Tom. IV, no. 1. 4⁰. 1871.

Stepanov (PAVEL T.) Po povodu īstoriī razvītiya *Calyptræa.* Krītīcheskaya zamyetka o stat'ye Prof. Stepanova "Īstoriya razvītiya *Calyptræa.*" [On the history of the development of *Calyptræa.* Critical observations on Prof. Stepanov's article "History of the development of *Calyptræa.*" By V. Zalenskiĭ.] *pp. 22.* *See* KAZAN. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1874-75. Prīlozheniya. [Appendix No. 13.] 8⁰. 1876.

STEPHAN (CHRISTIAN FRIEDRICH) [1757-1814] De Pediculari comosa. Lectum in Societate Linnæana. *pp. 8 : 1 pl. col.* 8⁰. *Lipsiæ*, 1791.

Stephan (C. F.) F. Stephani . . . Enumeratio Stirpium agri Mosquensis. *pp. 63.* 4⁰. *Mosquæ*, 1792.

STEPHANI (FRANZ) Deutschlands Jungermannien in Abbildungen nach der Natur gezeichnet nebst Text. *pp. 72 : 32 pls.* 8⁰. *Landshut*, 1879.

Bericht. Bot. Ver. Landshut. VII.

Stephani (F.) Die Lebermoose des Kilimandscharo-Gebietes. *See* MEYER (H. H. J.) Ostafrikanische Gletscherfahrten, *&c.* Anhang No. 5. 8⁰. 1890.

Stephani (F.) [Liverworts of the Teleki Expedition.] *See* HOEHNEL (L. VON) Zum Rudolph-See und Stephanie-See, *&c.* 8⁰. 1892.

Stephani (F.) [Hepaticæ of Costa Rica.] *See* DURAND (T.) & PITTIER (H.) Primitiæ Floræ Costaricensis. Tom. I, fasc. 2. 8⁰. 1893.

Stephani (F.) Hepaticæ . . . nach den Bestimmungen und Mittheilungen von F. Stephani. *See* DEUTSCH-OST-AFRIKA, *&c.* Bd. V, thl. C. 8⁰. 1895.

Stephani (F.) Die Lebermoose der ersten Regnell'schen Expedition nach Südamerika . . . Mit einer geographischen Einleitung von C. A. M. Lindman. *pp. 36.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXIII, afd. III, no. 2. 8⁰. 1897.

Stephani (F.) Species Hepaticarum, *&c.* Vol. I→ *illust.* 8⁰. *Genève & Bâle*, 1898→

Vol. I—III, *pp. 522*, appeared in the publications of the "Herbier Boissier" [*q.v.* under CHAMBÉSY] as follows :—Vol. I, *pp. 1-96*, in the "Bulletin," 1898 ; *pp. 97-304* in 1899 ; *pp. 305-413* in the "Mémoires," 1900, no. 11 & 16 ; Vol. II, *pp. 1-134*, in the "Bulletin," Sér. II, 1901 ; *pp. 135-277* in 1902 ; *pp. 278-359* in 1903 ; *pp. 390-502* in 1904 ; *pp. 50-3 596* in 1905 ; *pp. 597-615* (= Index) in 1906 ; Vol. III, *pp. 1-16*, in 1905 ; *pp. 17-146* in 1906 ; *pp. 147-224* in 1907 ; and *pp. 225-522* in 1908. When the publication of the "Bulletin" was suspended (Tom. VIII, 1908), *pp. 516-522* were reprinted, and the work continued as a "Complément" to that serial.

Stephani (F.) Beiträge zur Lebermoos-Flora Westpatagoniens und des südlichen Chile . . . Mit einer Einleitung von P. Dusén. *pp. 69.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. III, no. 6. 8⁰. 1900 (1901).

Stephani (F.) [Hepatics from West Africa.] *See* BRITISH MUSEUM (NATURAL HISTORY). — *Botany.* Catalogue of the African Plants collected by . . . F. Welwitsch in 1853-61. Vol. II. 8⁰. 1901.

Stephani (F.) Lebermoose der Magellansländer . . . Mit einer Einleitung von P. Dusén. *pp. 36.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. III, no. 17. 8⁰. 1901.

—— [Another issue.] *See* SWEDEN. Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895-1897, *&c.* Bd. III, hft. 2, no. 9. 8⁰. 1905.

Stephani (F.) Hepaticæ gesammelt von C. Skottsberg während der Schwedischen Südpolarexpedition, 1901-1903, *&c.* *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901-1903, *&c.* Bd. IV, lief. 1. 4⁰. 1905.

Stephani (F.) [For Cryptogams identified by F. Stephani] *See* PHILOSOPHICAL INSTITUTE OF CANTERBURY, *New Zealand.* The Subantarctic Islands of New Zealand, *&c.* Art. 23. 4⁰. 1909.

Stephani (F.) Botanische Ergebnisse der Schwedischen Expedition nach Patagonien und dem Feuerlande, 1907-1909. II. Die Lebermoose, von F. Stephani. *pp. 92 : text illust.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar, *&c.* Ny Följd, Bd. XLVI, no. 9. 4⁰. 1911.

STEPHANI (JOHANN EMANUEL) Henckelius in Mineralogia redivivus, *&c.* [Edited by J. E. Stephani.] *See* HENKEL (J. F.) 8⁰. 1759.

STEPHANUS (PHILIPPUS) *See* STEPHENS.

STEPHEN (*Sir* LESLIE) *K.C.B.* [1832-1904] Dictionary of National Biography, edited [Vol. I-XXVI] by L. Stephen ([and afterwards] S. Lee). (—Supplement.—Second Supplement.) 69 Vol. 8⁰. *London*, 1885-1912.

STEPHENS (James Francis) [1792–1852] General Zoology. [Vol. ix–xiv. The Birds continued by J. F. Stephens. — General Index.] *See* Shaw (G.) *F.R.S.* 8⁰. 1815–26.

Stephens (James F.) Zoology: Invertebrata. *See* Encyclopædias. Encyclopædia Metropolitana, *&c.* Vol. xxii–xxiv. 4⁰. [1817–44.]

Stephens (James F.) Illustrations of British Entomology; or, a Synopsis of indigenous Insects: containing their generic and specific distinctions; with an account of their metamorphoses, times of appearance, localities, food, and economy . . . Mandibulata [Vol. i–vii]. (—Haustellata [Vol. i–iv].) 11 Vol. *illust. col.* 8⁰. *London*, (1827–) 1828–35 (–45).

The dates of issue given on the sheets are approximately correct.

—— Supplement. *pp. vi* [*i*,] *32 : 15 pls.* 8⁰. *London*, 1846.

The plates to this supplement are numbered xxxvii, xliv–xlvii, xlii, xli, xliii, and 42–48. Their dates range from 1832 to 1837.

Stephens (James F.) A systematic Catalogue of British Insects: being an attempt to arrange all the hitherto discovered indigenous insects in accordance with their natural affinities. 2 Pt. [in 1 Vol.] 8⁰. *London*, 1829.

Stephens (James F.) The Nomenclature of British Insects; being a . . . list of such species as are contained in the Systematic Catalogue of British Insects, and forming a guide to their classification, *&c.* *pp.* [*ii*,] *68.* 8⁰. *London*, 1829.

Printed in triple column.

—— Second edition. *pp. iv, coll. 136.* 8⁰. *London*, 1833.

Printed in double column.

Stephens (James F.) An Abstract of the Indigenous Lepidoptera contained in the Verzeichniss bekanter Schmetterlinge, by Hubner [*sic*] (published in 1816). *pp. 24.* 8⁰. *London*, 1835.

Printed in double column.
Reprinted from the author's "Illustrations of British Entomology . . . Haustellata," Vol. iv.

Stephens (James F.) A Manual of British Coleoptera, or Beetles . . . with a notice of their chief localities, times and places of appearances, etc. *pp. xii, 443.* 8⁰. *London*, 1839.

Stephens (James F.) [British] Lepidoptera. *See* British Museum.—*Natural History.* List of the . . . British Animals in the . . . Museum. Pt. 5, 10 & 12. 12⁰. 1850–52.

—— Pt. 5. [Second edition, revised by H. T. Stainton and E. Shepherd.] 12⁰. 1856.

Stephens (James F.) Bibliotheca Stephensiana; being a catalogue of the entomological library of . . . J. F. Stephens, *&c.* [Compiled, with a memoir of Stephens, by H. T. Stainton.] *pp. 48.* 4⁰. *London*, 1853.

A proof impression, without the memoir of Stephens or the classified index, is also in the Zoological Department.

STEPHENS (Jane) Cœlenterata.—Marine Porifera.—Fresh-water Porifera [from Clare Island]. 3 Pt. *illust.* *See* Royal Irish Academy. Proceedings, *&c.* Vol. xxxi. Clare Island Survey. Pt. 58, 59 & 60. 8⁰. 1912.

STEPHENS (John William Watson) & **Christophers** (S. R.) The practical study of Malaria and other Blood Parasites. *See* Liverpool School of Tropical Medicine. 8⁰. 1903.

STEPHENS (Philip) [*c.* 1620–1679] & **Browne** (W.) Catalogus Horti Botanici Oxoniensis alphabetice digestus . . . Cui accessere Plantæ . . . quæ nullibi nisi in hoc opusculo memorantur. Cura . . . P. Stephani . . . et G. Brounei . . . Adhibitis etiam in consilium D. Boberto patre . . ejusque filio, *&c.* 2 Pt. *pp.* [*xvi*,] *214.* 8⁰. *Oxonii*, 1658.

The second part has a title-page in English, followed by an English translation of the preface to the first part.
The first edition, published anonymously by J. Bobart, appeared in 1648.

STEPHENS (Thomas) Reise auf der Portuguiesischen Flotte nach Goa, *&c.* (1579.) *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

STEPHENS (Walter) A Catalogue of the Minerals in the Museum of Trinity College, Dublin. Part 1 . . . Systematic Collection. [Drawn up by W. Stephens. Edited by W. Stokes.] *See* Dublin University. (Trinity College.) 8⁰. 1807.

Stephens (Walter) Notes on the Mineralogy of part of the vicinity of Dublin. Taken principally from papers of the late Rev. W. Stephens. *pp. 57 : 1 map col.* 8⁰. *London*, 1812.

STEPHENS (William) [fl. 1718–1732] Catalogus Plantarum in Horto Dubliniensi. *pp. 64.* 8⁰. 1726.

Banksian MSS. No. 92. *Vide* Dryander's "Cat. Bibl. Banks." Vol. iii, p. 101.
This manuscript Catalogue of the Plants growing in the Public Garden at Dublin was sent by Dr. Stephens of Dublin to the Botanical Society, London. See their minute for Oct. 22nd, 1726. The latter part of this Catalogue, *i.e.* from page 41 to the end, is in the handwriting of Dr. Stephens himself.

STEPHENSEN (K.) Report on the Malacostraca, Pycnogonida and some Entomostraca collected by the Danmark Expedition to North-East Greenland. *See* Denmark.—*Commissionen for Ledelsen af de Geologiske og Geographiske Undersøgelser.* Meddelelser om Grønland, *&c.* Bd. xlv, no. 11. 8⁰. 1912.

Forms also Bd. v, no. 11, of "Danmark-Ekspeditionen til Grønlands Nordøstkyst, 1906–1908."

STEPHENSEN (Magnus) [1762–1833] De til Menneske-Føde i Island brugelige Tang-Arter og i Særdeleshed Söl. Botanisk-oeconomisk beskrevne, *&c.* *pp. 34 : 4 pls. col.* 8⁰. *Kjøbenhavn*, 1808.

STEPHENSON (John) Medical Zoology, and Mineralogy; or illustrations and descriptions of the animals and minerals employed in medicine, and of the preparations derived from them: including also an account of animal and mineral poisons, *&c.* *pp. vi, 345 : 45 pls. col.* 8⁰. *London*, 1838.

Stephenson (J.) & **Churchill** (J. M.) Medical Botany: or, illustrations and descriptions of the Medicinal Plants of the London, Edinburgh, and Dublin Pharmacopæias; comprising a popular and scientific account of all those poisonous vegetables that are indigenous to Great Britain. 4 Vol. *illust. col.* 8⁰. *London*, 1831.

—— New edition, edited by G. T. Burnett, *&c.* 3 Vol. *illust. col.* *London*, 1834–36.

STERBEECK (Francis van) [1631–1693] Theatrum Fungorum oft het tooneel der Campernoelien . . . Waer by ghevoeght is een cort tractaet vande hinderlijcke Cruyden van dit landt, *&c.* *pp.* [*xxxvi*,] *396* [*20*]: *36 pls., engr. title.* 4⁰. *t' Antwerpen*, 1675.

This appears to have been the first work entirely devoted to Cryptogamic Plants.

Sterbeeck (F. van) [Citricultura oft regeringhe der uythemsche boomen te weten Oranien, Citroenen, Limoenen, Granaten, Laurieren en andere, *&c.* 4⁰. *Antwerpen*, 1682.]

Wanting.

—— Den tweeden druck, *&c.* *pp.* [*xl*,] *296, 24 : 15 pls.* 4⁰. *Antwerpen*, 1712.

STERCKX (R.) Contribution à l'anatomie des Renonculacées. Tribu des Clématidées. *pp. 88 : 15 pls. See* LIEGE. — SOCIÉTÉ ROYALE DES SCIENCES. Mémoires, *&c.* Sér. II, tom. XX, no. 5. 8⁰. 1898.

—— [Another issue.] *See* LIEGE. — UNIVERSITÉ. — *Institut Botanique.* Archives, *&c.* Vol. I. 8⁰. 1897 [*i.e.* 1898].

Sterckx (R.) Recherches anatomiques sur l'embryon et les plantules dans la famille des Renonculacées. *pp. 112 : 24 pls. See* LIEGE. — SOCIÉTÉ ROYALE DES SCIENCES. Mémoires, *&c.* Sér. III, tom. II, no. 2. 8⁰. 1900.

—— [Another issue.] *See* LIEGE. — UNIVERSITÉ. — *Institut Botanique.* Archives, *&c.* Vol. II. 8⁰. 1900.

STERLAND (W. J.) The Birds of Sherwood Forest, with notes on their habits, nesting, migrations, *&c. pp. ix, 244 : 4 pls. col.* 8⁰. *London*, 1869.

Sterland (W. J.) & **Whitaker** (J.) Descriptive List of the Birds of Nottinghamshire. *pp. 71.* 8⁰. *Mansfield*, 1879.

STERLER (ALOIS) [1787–1831] Hortus Nymphenburgensis, seu Enumeratio Plantarum in Horto Regio Nymphenburgensi cultarum. *pp. viii, 119.* 4⁰. *Monachii*, 1821.

STERNAU (ALBERT BENTZEL-) *Graf. See* BENTZEL-STERNAU.

STERNBERG (CASPAR VON) *Count* [1761–1838] Botanische Wanderung in den Böhmer-Wald, *&c. pp. 14, 4 tabs.* 8⁰. *Nürnberg*, 1806.

Sternberg (CASPAR VON) *Count.* Reise in die Rhetischen Alpen, vorzüglich in botanischer Hinsicht, im Sommer 1804 . . . Eine Beilage zum botanischen Taschenbuche. *pp. 64.* 8⁰. *Nürnberg*, 1806.

Sternberg (CASPAR VON) *Count.* Revisio Saxifragarum iconibus illustrata. *pp. xiv, 60 [2] : 31 pls. col.* fol. *Ratisbonæ*, 1810.

—— Supplementum . . . Decas I. *pp. vi, 16 : 10 pls. col.* fol. *Ratisbonæ*, 1822.

—— Supplementum secundum. *pp. vi, 104 : 16 pls. col.* fol. *Pragæ*, 1831.

Sternberg (CASPAR VON) *Count.* [*Saxifraga.*] *See* STURM (J.) Deutschlands Flora, *&c.* Abth. I, hft. 33, 35. 12⁰. 1812–13.

Sternberg (CASPAR VON) *Count.* Beschreibung und Untersuchung einer merkwürdigen Eisengeode, (Hausmanns dichter thoniger Sphärosiderit) welche auf . . . Radnitz im Pilsner Kreise in Böhmen, gefunden wurde. *See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. V. 8⁰. 1816.

Sternberg (CASPAR VON) *Count.* Abhandlung über die Pflanzenkunde in Böhmen. 2 Abth. *See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. VI. 8⁰. 1817–18.

Abth. I. Historisch-chronologische Entwickelung der Fortschritte der Pflanzenkunde in Böhmen.
" II. Kritische Beurtheilung der in Böhmen erschienenen Werke, die von Pflanzen handeln.

Sternberg (CASPAR VON) *Count.* Versuch einer geognostisch-botanischen Darstellung der Flora der Vorwelt. (Skizzen zur vergleichenden Phytotomie vor- und jeztweltlicher Pflanzen-Stämme, von A. C. I. Corda.) 8 Hft. *illust.* fol. *Leipzig, Prag & Regensburg*, 1820–38.

The first four parts are separately paged.

Sternberg (CASPAR VON) *Count.* Catalogus Plantarum ad septem varias editiones Commentariorum Mathioli in Dioscoridem. Ad Linnæani Systematis regulas elaboravit. *pp. iv, 30.* fol. *Pragæ*, 1821.

Sternberg (CASPAR VON) *Count.* Reliquiæ Hænkeanæ, *&c.* [Preface signed C. de Sternberg.] *See* PRAGUE. — GESELLSCHAFT DES MUSEUMS DES KOENIGREICHS BOEHMEN. fol. [1825–] 1830 [–35].

Sternberg (CASPAR VON) *Count.* Ueber einige Eigenthümlichkeiten der Böhmischen Flora, und die klimatische Verbreitung der Pflanzen der Vorwelt und Jetztwelt *pp. 20. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Neue Folge, Bd. I. 8⁰. 1827.

STERNBERG (CHARLES H.) [1850–] The Life of a Fossil Hunter . . . With an Introduction by H. F. Osborn. *pp. xiii, 286 : 43 pls., 4 ports.* 8⁰. *New York*, 1909.

Forming a volume of the "American Nature Series."
All the plates and portraits, with one exception, are printed back to back.

STERNBERG (FRANZ UNGERN) *Baron. See* UNGERN-STERNBERG.

STERNBERG (GEORGE MILLER) [1838–] [The Bacteria ; from the French of A. Magnin. 8⁰. *Boston, Mass.*, 1881.]

Wanting.

—— [Another edition entitled :] Bacteria . . . Including . . . pages from the work of . . . A. Magnin, translated from the French in 1880 . . . Second edition. *pp. xviii, 498 : 10 pls.* 8⁰. *New York*, 1884.

Sternberg (G. M.) A Text-book of Bacteriology. *pp. xi, 693 : 9 pls. (col.), text illust.* 8⁰. *London*, 1897.

STERNDALE (ROBERT ARMITAGE) Natural History of the Mammalia of India and Ceylon. *pp. xxxii, 540 : 1 pl., text illust.* 8⁰. *Calcutta, &c.*, 1884.

STERNECK (JACOB VON) Monographie der Gattung *Alectorolophus. pp. 150 : 1 pl. (col.), 3 maps (col.), text illust. See* VIENNA. — KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. I, hft. 2. 8⁰. 1901.

STERNER (EWALD) Jukkasjärviområdets Flora. (Torne Lappmark.) . . . With an English summary. *pp. 50. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. X, no. 9. 8⁰. 1911.

STERRETT (DOUGLAS B.) & **Pratt** (J. H.) The Tin Deposits of the Carolinas. *pp. 64 : 2 maps, text illust. See* NORTH CAROLINA, *State of. — Geological Survey.* Bulletin No. 19. 8⁰. 1904.

STERZEL (JOHAN TRAUGOTT) [1841–] Die fossilen Pflanzen des Rothliegenden von Chemnitz in der Geschichte der Palaeontologie. 8⁰. [*Chemnitz*, 1875.]

Ber. Naturw. Gesell. Chemnitz. Bd. V, *pp. 71–250.*

Sterzel (J. T.) Die Flora des Rothliegenden im nordwestlichen Sachsen. *pp. 73 : 9 pls., text illust. See* PALÆONTOLOGISCHE ABHANDLUNGEN. Bd. III, hft. 4. 4⁰. 1886.

Sterzel (J. T.) Die Flora des Rothliegenden im Plauenschen Grunde bei Dresden. *pp. 167 : 13 pls. See* LEIPSIC. — KOENIGLICH SAECHSISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XIX. 4⁰. 1893.

Sterzel (J. T.) Die geologischen Verhältnisse der Gegend von Chemnitz. *pp. 22 : 3 pls. (col.), 1 map geol. col.* 8⁰. *Chemnitz*, 1898.
Festschrift Chemnitzer Bezirksvereins Deutsch. Ingenieure, 1898.

Sterzel (J. T.) Gruppe verkieselter Araucariten-Stämme aus dem versteinerten Rotliegend-Walde von Chemnitz-Hilbersdorf, aufgestellt im Garten vor der Naturwissenschaftlichen Sammlung der Stadt Chemnitz. *pp. 24 : 1 pl.* 8⁰. *Chemnitz*, 1900.
Ber. Naturw. Gesell. Chemnitz. No. XIV.

Sterzel (J. T.) [For official publications in connection with the Specialkarte] *See* SAXONY.—*Koenigliche Geologische Landesuntersuchung.*

Sterzel (J. T.) & **Weber** (O.) Beiträge zur Kenntnis der Medulloscæ. *See* WEBER (O.) & STERZEL (J. T.) 8⁰. 1896.

STERZING (J.) Systematisches Verzeichniss der um Sondershausen vorkommenden vollkommenen Pilze. *pp. 40.* 4⁰. *Sondershausen*, 1860.
Offentl. Prüf. Fürstl. Realsch.

STERZINGER (IRENE) Ueber die *Spirorbis*-Arten der nördlichen Adria. *pp. 13 : text illust. See* VIENNA. — KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. v, hft. 1. 8⁰. 1910.

STETTIN.—Entomologischer Verein.
[Founded 1837.]
Entomologische Zeitung, herausgegeben von dem . . . Vereine, *&c.* Jahrg. I→ 8⁰. *Stettin*, 1840→

—— Repertorium der 23 ersten Jahrgänge (von 1840–62), *&c.* 8⁰. *Stettin*, 1862.

—— Repertorium der 8 Jahrgänge (von 1863–70), *&c.* 8⁰. *Stettin*, 1870.

—— Repertorium der 8 Jahrgänge (von 1871–78), *&c.* 8⁰. *Stettin*, 1878.

—— Repertorium der 8 Jahrgänge (von 1879–86), *&c.* 8⁰. *Stettin*, 1886.

Stettin.—Entomologischer Verein.
Linnæa Entomologica. Zeitschrift herausgegeben von dem . . . Vereine, *&c.* Bd. I–XVI.† 8⁰. *Berlin, &c.*, 1846–66.

Stettin.—Entomologischer Verein.
[Catalogus Coleopterorum Europæ. 8⁰. *Stettin*, 1839.]
Wanting.

—— Fünfte Auflage. [By C. A. Dohrn.] *pp. [iv,] 98, 12.* 8⁰. *Stettin*, 1855.
Printed in triple column. Interleaved copy.

—— Sechste Auflage. [By C. A. Dohrn.] *pp. [iv,] 92, 14.* 8⁰. *Stettin*, 1856.
Printed in triple column. Interleaved copy.

Stettin.—Entomologischer Verein.
Catalogus Hemipterorum [by F. A. Dohrn]. Herausgegeben von dem . . . Verein. *pp. [iv,] 112.* 8⁰. *Stettin*, 1859.
Printed in double column.

Stettin.—Entomologischer Verein.
Insektenwanderungen, *&c.* *See* KRUEGER (L.) 8⁰. 1899.

STETTIN.—Ornithologischer Verein.
Zeitschrift (für Ornithologie) . . . Herausgegeben und redigiert vom Vorstand des . . . Vereins, *&c.* Jahrg. I–XVIII. *See* ZEITSCHRIFT FUER ORNITHOLOGIE. 8⁰. (1882–) 1883–93.

STETTINER ENTOMOLOGISCHE ZEITUNG.
See STETTIN.—ENTOMOLOGISCHER VEREIN. Entomologische Zeitung, herausgegeben von dem . . . Vereine, *&c.* Jahrg. I→ 8⁰. 1840→

STEUART (JAMES) An account of the Pearl Fisheries of Ceylon . . . with an appendix. *pp. vi [i,] 105 : 2 maps.* fol. *Ceylon*, 1843.

STEUDEL (ERNST GOTTLIEB) [1783–1856] Dissertatio inauguralis, sistens observationes quasdam chemicas de acredine nonnullorum vegetabilium, quam præside C. F. Kielmeyer . . . publice defendet . . . auctor, *&c.* *pp. 36.* 8⁰. *Tubingæ* [1805].

Steudel (E. G.) Nomenclator Botanicus, enumerans ordine alphabetico nomina atque synonyma tum generica tum specifica et a Linnæo et recentioribus de re Botanica scriptoribus Plantis Phanerogamis imposita. *pp. xvii, 900 [3,] 1 tab.* 8⁰. *Stuttgardtiæ & Tubingæ*, 1821.

—— [Another edition entitled:] Nomenclator Botanicus, seu Synonymia Plantarum Universalis . . . Editio secunda, *&c.* 2 Pt. [in 1 Vol.] 8⁰. *Stuttgartiæ & Tubingæ*, 1840–41.

Steudel (E. G.) Nomenclator Botanicus, enumerans ordine alphabetico nomina atque synonyma tum generica tum specifica et a Linnæo et recentioribus de re Botanica scriptoribus Plantis Cryptogamis imposita. *pp. xviii, 450.* 8⁰. *Stuttgardtiæ & Tubingæ*, 1824.

Steudel (E. G.) Plantæ Preissianæ [in part by E. G. Steudel], *&c.* *See* LEHMANN (J. G. C.) 8⁰. 1844–47.

Steudel (E. G.) Synopsis Plantarum Glumacearum. 2 Pt. 4⁰. *Stuttgartiæ*, [1854–] 1855.
Issued in ten fascicles, for the dates of publication of which *See* RENDLE (A. B.) Journ. Bot. XXXVII, 1899, *p. 33.*

Steudel (E. G.) & **Hochstetter** (C. F.) Enumeratio Plantarum Germaniæ Helvetiæque indigenarum, seu prodromus, quem synopsin Plantarum Germaniæ Helvetiæque edituri botanophilisque adjuvandam commendantes scripserunt. *pp. viii, 352.* 8⁰. *Stuttgardtiæ & Tubingæ*, 1826.

STEUDNER (HERMANN) [1832–1863] Novæ species Æthiopicæ. Eine Anzahl neuer und unbeschriebener Pflanzen-Arten, welche von Dr. Steudner, 1862 . . . in Nubien und Abyssinien gesammelt wurden. *See* SCHWEINFURTH (G. A.) 8⁰. [1868.]

Steudner (H.) [For official publications] *See* BERLIN. —KOENIGLICHE FRIEDRICH-WILHELMS UNIVERSITAET.— *Botanischer Garten.*

STEUER (ADOLF) [1871–] Planktonkunde. *pp. xv, 723 : 1 pl. col., text illust.* 8⁰. *Leipzig & Berlin*, 1910.
Forming one of the series "Naturwissenschaft und Technik in Lehre und Forschung," *&c.*

STEUER (ALEXANDER) [1867–] Argentinische Jura-Ablagerungen. Ein Beitrag zur Kenntniss der Geologie und Palæontologie der Argentinischen Anden. *pp. 96 : 24 pls., text illust. See* PALÆONTOLOGISCHE ABHANDLUNGEN, *&c.* Bd. VII, hft. 3. 4⁰. 1897.

Steuer (ALEXANDER) Die Entstehung des Grundwassers im Hessischen Ried. *See* MENZEL (H.) *& others.* Festschrift A. v. Koenen, *&c.* 8⁰. 1907.

STÉVART (A.) Des meilleures méthodes d'analyse des Minerais qui en Belgique servent à l'extraction du Fer, du Cuivre, du Zinc et du Plomb, *&c.* *pp. 76.* 8⁰. *Liége, &c.*, 1863.
Mém. Soc. Émulation Liége. Nouvelle Série, Tom. II, 1862.

STEVEN (CHRISTIAN VON) [1781–1863] Observationes in Asperifolias Taurico-Caucasicas. *pp. 54.* 8⁰. [*Moscow*, 1851.]
Bull. Soc. Imp. Nats. Moscou. Tom. XXII.

Steven (C. VON) Verzeichniss der auf der Taurischen Halbinsel wildwachsenden Pflanzen. *pp. 412 : 1 pl.* 8⁰. *Moskau*, 1857.
Bull. Soc. Imp. Nats. Moscou. Tom. XXIX & XXX, 1856–57.

STEVENS (CHARLES) *See* ESTIENNE (C.)

STEVENS (FRANK LINCOLN) & **Hall** (J. G.) Diseases of Economic Plants. *pp. x, 513 : 1 port., text illust.* 8⁰. *New York*, 1910.

STEVENS (ISAAC INGALLS) [1816–1862] Report of explorations for a route for the Pacific railroad, near the forty-seventh and forty-ninth parallels . . . from St. Paul to Puget Sound.—Narrative and Final Report, *&c.* *See* UNITED STATES.—*Pacific Railroad Survey.* Reports, *&c.* Vol. I & XII. 4⁰. 1855–60.

STEVENS (SAMUEL) [1817–1899] Directions for collecting and preserving Specimens of Natural History in tropical climates. *pp. 8.* 8⁰. *London* [ ].

STEVENSON (HENRY) [1833–1888] Memoir of . . . R. Lubbock. *See* LUBBOCK (R.) Observations on the Fauna of Norfolk . . . New edition. 8⁰. 1845.

Stevenson (H.) A List of the Birds of Norfolk; with remarks on the general Ornithology of the county. *pp. 10.* 8⁰. *Sheffield*, 1864.
Reprinted from "White's History and Directory of the County."

Stevenson (H.) The Birds of Norfolk, with remarks on their habits, migration, and local distribution: by H. Stevenson (continued by T. Southwell). 3 Vol. *illust. col.* 4⁰. *London & Norwich*, 1866–90.

STEVENSON (JOHN) [1836–1903] Mycologia Scotica. The Fungi of Scotland and their geographical distribution. *pp. xx, 443 : 1 map.* 8⁰. *Edinburgh*, 1879.

Stevenson (JOHN) Hymenomycetes Britannici. British Fungi (Hymenomycetes) . . . With illustrations [by W. G. Smith]. 2 Vol. *illust.* 8⁰. *Edinburgh & London*, 1886.
Proofs of the illustrations on India paper have been inserted.

STEVENSON (JOHN JAMES) [1841–]
[For official reports in connection with the Surveys]
See OHIO, *State of.—Geological Survey.*
See PENNSYLVANIA, *State of.—Second Geological Survey.*
See UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.*

STEVENSON (WILLIAM) [1772–1829] Historical sketch of the progress of discovery, navigation, and commerce, from the earliest records to the beginning of the nineteenth century. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. XVIII. 8⁰. 1824.

STEWART (ALEXANDER) 'Twixt Ben Nevis and Glencoe: the natural history . . . and folk-lore of the West Highlands. *pp. xv, 384 : 1 pl.* 8⁰. *Edinburgh*, 1885.

STEWART (CHARLES) *A.L.S.* [fl. 1787–1817] [Elements of the natural history of the Animal Kingdom: comprising the characters of the whole genera, and of the most remarkable species, particularly those that are natives of Britain, *&c.* 2 Vol. *illust.* 8⁰. *Edinburgh*, 1801.]
Wanting.

—— Second edition. 2 Vol. *illust.* 8⁰. *Edinburgh & London*, 1817.

Stewart (CHARLES) *A.L.S.* [An introduction to Botany . . . a new edition . . revised by C. Stewart. *See* LEE (J.) 8⁰. 1806.]
Wanting.

—— [Another (? Ninth) edition.] 8⁰. 1811.

Stewart (CHARLES) *A.L.S.* Historia Muscorum [edited by C. Stewart], *&c.* *See* DILLENIUS (J. J.) 4⁰. 1811.

STEWART (CHARLES) *M.R.C.S.* [1840–1907] Descriptive Catalogue of one hundred microscopic objects selected to illustrate the Invertebrate sub-kingdom, exhibited at the Soirée of the Royal Microscopical Society . . . 1870. *See* ROYAL MICROSCOPICAL SOCIETY. 8⁰. 1870.

Stewart (CHARLES) *M.R.C.S.* On six Crania, probably belonging to the Makapan tribe, Waterberg district, Transvaal, South Africa. *See* DISTANT (W. L.) A Naturalist in the Transvaal. Appendix. 8⁰. 1892.

Stewart (CHARLES) *M.R.C.S.* [For publications as Conservator of the Museum] *See* ROYAL COLLEGE OF SURGEONS OF ENGLAND.

STEWART (DONALD) The Report of D. Stewart, itinerant mineralogist to the Dublin Society. *pp. 142.* *See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. I, pt. 2. 8⁰. 1800.

STEWART (F. E.) An illustrated Monograph on Kola . . . Published under the direction of F. E. Stewart, *&c.* *pp. [vi,] 78 : text illust.* 16⁰. *Detroit, Mich.*, 1894.
Pt. I. Kola Pharmacognosy. Comprising the description, names and synonyms, habitat, history, botany . . . and chemistry of Kola. By J. O. Schlotterbeck.
,, II. Physiological and therapeutic action of Kola. By F. E. Stewart.
,, III. A clinical study of Kola. By J. V. Shoemaker.
,, IV. Bibliography. By J. O. Schlotterbeck.

STEWART (JOHN LINDSAY) [1832?–1873] Report upon the Deodar Forests of Bussahir, *&c.* *See* INDIA.—*Public Works Department.* Reprint . . . of Records, *&c.* No. 3. fol. 1865.

Stewart (J. L.) Reports on the Forests and Fuel Plantations in the Punjab, *&c.* *See* PUNJAB.—*Public Works Department.* Selections from the Records, *&c.* No. 1. 4⁰. 1868.

Stewart (J. L.) Punjab Plants, comprising botanical and vernacular names, and uses of most of the Trees, Shrubs and Herbs of economical value, growing within the province, *&c.* *pp. xiv, 269, 106 : 1 plan.* 8⁰. *Lahore*, 1869.
Wanting pp. 25–28 in the Vernacular Index.

Stewart (J. L.) & **Brandis** (D.) The Forest Flora of North-West and Central India: a handbook of the indigenous Trees and Shrubs of those countries. Commenced by the late J. L. Stewart, continued and completed by D. Brandis, *&c.* *pp. xxxi, 608.* 8⁰. *London*, 1874.

—— Illustrations . . . drawn by W. Fitch. *70 pls.* 4⁰. *London*, 1874.

STEWART (ROBERT) Handbook of the Torquay Flora, comprising the Flowering Plants and Ferns growing in and around Torquay, with their respective habitats. *pp. iv, 187.* 8⁰. *Torquay & London*, 1860.
Contains manuscript notes by H. Trimen.

STEWART (SAMUEL ALEXANDER) [1826–1910] & **Corry** (T. H.) A Flora of the North-East of Ireland, including the Phanerogamia, the Cryptogamia Vascularia, and the Muscineæ, *&c.* *pp. xxxv, 331.* 8⁰. *Cambridge*, 1888.

STEWART (W. C.) The practical Angler, or the art of Trout-fishing . . . Third edition. *pp. xiii, 224 : text illust.* 8⁰. *Edinburgh*, 1857.
The first edition appeared earlier in the same year.

STEWART (WILLIAM M.) The Mineral Resources of the Pacific States and Territories. A Lecture, *&c. pp. 32.* 8⁰. *New York*, 1865.

STIBBS (BARTHOLOMEW) Eine Reise auf der Gambra im Jahre 1724, *&c. See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. III. 4⁰. 1748.

STICHEL (HANS)
Fam. Nymphalidæ : subfam. Brassolinæ. *pp. 48 : 5 pls. (col.)*
—— subfam. Discophorinæ. *pp. 16 : 1 pl. col.*
—— subfam. Amathusiinæ. *pp. 67 : 6 pls. col.*
—— subfam. Heliconiinæ. *pp. 74 : 6 pls. col., text illust.*
—— subfam. Hyantinæ. *pp. 7 : 1 pl. col.*
Fam. Papilionidæ : subfam. Parnassiinæ. *pp. 60 : 3 pls. (col.), text illust.*
—— subfam. Zerynthiinæ. *pp. 27 : 2 pls. (col.), text illust.*
Fam. Nymphalidæ : subfam. Dioninæ. *pp. 38 : 3 pls. (col.), text illust.*
Fam. Riodinidæ. 2 Pt. *pp. 452 : 27 pls. col.*
See WYTSMAN (P. A. G.) Genera Insectorum, *&c.* Lepidoptera Rhopalocera. Fasc. 20, 31, 36, 37, 39, 58, 59, 63, 112a & 112b. 4⁰. 1904–11.

Stichel (H.) Brassolidæ. *pp. xiv, 244 : text illust. See* LEIPSIC. — DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. 25. 8⁰. 1909.

Stichel (H.) Amathusiidæ. *pp. xv, 248 : text illust. See* LEIPSIC. — DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. 34. 8⁰. 1912.

Stichel (H.) & **Riffarth** (H.) Heliconiidæ, *&c. pp. xv, 290 : text illust. See* LEIPSIC.—DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. 22. 8⁰. 1905.

STICKMAN (OLAVUS) Herbarium Amboinense, quod . . . submittit . . . O. Stickman, *&c. See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1754.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates, *&c.* Vol. IV, no. 56. 8⁰. 1759.

—— —— Editio secunda, *&c.* 8⁰. 1788.

STIEBEL (SALOMON FRIEDRICH) [1792–1868] Dissertatio inauguralis, sistens Limnei stagnalis anatomen, *&c. pp. 52 : 2 pls., engr. on title.* 4⁰. *Gottingæ*, 1815.

Stiebel (S. F.) *See* FRANKFORT-ON-THE-MAIN. — NEUE ZOOLOGISCHE GESELLSCHAFT. Der Zoologische Garten . . . Fortgesetzt von Dr. Stiebel. Jahrg. VI. 8⁰. 1865.

STIEDA (LUDWIG) [1837–] Ueber das Rückenmark und einzelne Theile des Gehirns von *Esox lucius*, L., *&c.* [Dissertation.] *pp. 35 [3] : 2 pls.* 4⁰. *Dorpat*, 1861.

Stieda (L.) Die Bildung des Knochengewebes. Festschrift, *&c. pp. iv, 45 : 1 pl.* 4⁰. *Leipzig*, 1872.

Stieda (L.) Studien über den *Amphioxus lanceolatus. pp. 70 : 4 pls. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XIX, no. 7. 4⁰. 1873.

Stieda (L.) K. E. von Baer. Eine biographische Skizze. *pp. xii, 301 : 1 port.* 8⁰. *Braunschweig*, 1878.

STIEGLER (JACOB AUG.) Anteckningar öfver de i Sverige växande ätliga Svampar, hvilka . . . försvaras af J. A. Stiegler, *&c.* Pt. 4. *See* FRIES (E. M.) 4⁰. 1836.

STIEHLER (AUGUST WILHELM) Synopsis der Pflanzenkunde der Vorwelt. Erste Abtheilung.† Die gamopetalen angiospermen Dicotyledonen der Vorwelt. *pp. xvi, 196.* 8⁰. *Quedlinburg*, 1861.
The second title-page reads :—"Synopsis der gamopetalen angiospermen Dicotyledonen der Vorwelt."

STIELER (ADOLF) [1775–1836] Karte des Deutschen Reichs und der Nachbarländer, *&c. See* GERMANY. [*Maps.*] 1876.

Stieler (A.) Handatlas über alle Theile der Erde und über das Weltgebäude. *pp. 11 : 90 maps col.* fol. *Gotha*, 1877–78.

—— [Another edition entitled :] A. Stieler's Hand-Atlas, *&c. pp. 7 : 95 maps col.* fol. *Gotha*, 1881.

—— [Another edition.] *pp. [ii,] 198 : 95 maps col.* fol. *Gotha* [1891].

—— Neunte . . . Auflage. *pp. [ii,] 237 : 100 maps col.* fol. *Gotha*, 1905.

—— Stieler's Atlas of Modern Geography, adapted for the use of the English-speaking public by B. V. Darbishire . . . ninth edition. *pp. [v,] 239 : 100 maps col.* fol. *Gotha*, 1909.

—— Neunte . . . Auflage. Siebenter . . . Abdruck. *pp. [ii,] 239 : 100 maps col.* fol. *Gotha*, 1910.

STIELER (HEINRICH DAVID) Dissertationem inauguralem de Chinchina ab iniquis judiciis vindicata . . . P. p. H. D. Stieler, *&c. See* BERGER (J. G.) 4⁰. [1711.]

STIERLIN (W. GUSTAV) [1821 ?–1907] Revision der Europäischen *Otiorhynchus*-Arten. *pp. 344.* 8⁰. *Berlin*, 1861.

Stierlin (W. G.) Fauna Coleopterorum Helvetica. Die Käfer-Fauna der Schweiz nach der analytischen Methode. 2 Thl. 8⁰. *Schaffhausen*, (1886–) 1898–1900.
Thl. II was published first, and issued in parts with the "Mittheil. Schweiz. Entom. Gesell." Bd. VII–X (1886–98).

Stierlin (W. G.) Tableaux Analytiques pour la détermination des Coléoptères Européens. IX. Curculionidæ . . . Traduit des Bestimmungs Tabellen der Europäischen Coleopteren par M. C. Marchal. *pp. 152.* 8⁰. [*Paris, &c.*, 1894–1902.]
Issued with "Miscellanea Entomologica," *&c.* Vol. I–X

Stierlin (W. G.) & **Gautard** (V. VON) Fauna Coleopterorum Helvetica. Die Käfer-Fauna der Schweiz, *&c.* (Zusätze und Nachträge.—Zweiter Nachtrag . . . von . . . G. Stierlin.) *pp. 372 (98). See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. XXIII, no. 4 ; XXIV, no. 1 ; XXVIII, no. 3. 4⁰. 1869–83.

STIERNA (HENRICUS) Exercitum œconomicum de prærogativis Finlandiæ præcipue quoad Plantas spontaneas in Bellariis adhibitas, quod . . . defert . . . H. Stierna, *&c. See* KALM (P.) 4⁰. [1756.]

STIFFT (CHRISTIAN ERNST) [1780–1855] Geognostische Beschreibung des Herzogthums Nassau, in besonderer Beziehung auf die Mineralquellen dieses Landes. *pp. xvi, 606, 1 tab. : 1 map.* 8⁰. *Wiesbaden*, 1831.

ŠTIKA (OTTO FRANZ) [1814–1900] Kurze Uibersicht [*sic*] der Phanerogamen aus der nächsten Umgebung der Stadt Brüx. *pp. 24.* 4⁰. *Brüx*, 1857.
Jahresb. k. k. Obergymn. Brüx. 1857.

Štika (O. F.) Kurze Uibersicht [*sic*] der Kryptogamen aus der nächsten Umgebung der Stadt Brüx. *pp. 24.* 4⁰. *Brüx*, 1858.
Jahresb. k. k. Obergymn. Brüx, 1858.

STILES (CHARLES WARDELL) [1867–] On the anatomy of *Myzomimus scutatus* (Müller, 1869) Stiles, 1892. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

Stiles (C. W.) Report upon the present knowledge of the Tapeworms of Poultry. *pp. 79, 1 tab.. 21 pls. See* UNITED STATES. — *Department of Agriculture. — Animal Industry Bureau.* Bulletin No. 12. 8⁰. 1896.

Stiles (C. W.) The Flukes and Tapeworms of Cattle, Sheep and Swine, *&c. pp. 136 : text illust. See* UNITED STATES. — *Department of Agriculture. — Animal Industry Bureau.* Bulletin No. 19. 8⁰. 1898.

Stiles (C. W.) Trichinosis in Germany . . [with] Bibliography . . . By A. Hassall. *pp. 211. See* UNITED STATES. — *Department of Agriculture. — Animal Industry Bureau.* Bulletin No. 30. 8⁰. 1901.

Stiles (C. W.) The taxonomic value of the microscopic structure of the stigmal plates in the Tick genus *Dermacentor. pp. 72 : 43 pls. (1 col.), text illust.* 8⁰. *Washington*, 1910.
Public Health and Marine-Hospital Service of the United States: Hygienic-Laboratory, Bulletin No. 62.

Stiles (C. W.) Hookworm Disease . . . its nature, treatment and prevention. *pp. 40 : text illust.* 8⁰. *Washington* [*D.C.*], 1910.
Public Health Bulletin No. 32.

Stiles (C. W.) & **Hassall** (A.) Internal Parasites of the Fur Seal [of the Pribilof Islands]. *See* UNITED STATES. — *Fur-Seal Enquiry.* The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, *&c.* Pt. III, no. 7. 8⁰. 1899.

Stiles (C. W.) & **Salmon** (D. E.) Sheep Scab: its nature and treatment. *pp. 64 : 6 pls., text illust. See* UNITED STATES. — *Department of Agriculture. — Animal Industry Bureau.* Bulletin No. 21. 8⁰. 1898.

—— [Revised edition.] *pp. 64 : 6 pls., text illust.* 8⁰. 1900.

STILLE (HANS) Geologisch-hydrologische Verhältnisse im Ursprungsgebiete der Paderquellen zu Paderborn. *pp.* [*ii,*] *129 : 2 pls., 4 maps, text illust. See* PRUSSIA. — KOENIGLICH-PREUSSISCHE GEOLOGISCHE LANDESANSTALT, *&c.* Abhandlungen, *&c.* Neue Folge, Hft. 38. 8⁰. 1903.

Stille (H.) Geologische Studien im Gebiete des Rio Magdalena. *See* MENZEL (H.) *& others.* Festschrift, A. v. Koenen, *&c.* 8⁰. 1907.

STILLING (BENEDICT) [1810–1879] Untersuchungen über den Bau des kleinen Gehirns des Menschen. 2 Hft. [in 1 Vol.] & Atlas. 4⁰. & fol. *Cassel*, 1864–67.

STILLINGFLEET (BENJAMIN) [1702–1771] Literary Life and Select Works [including translations] . . . several of which have never before been published. [Edited by W. Coxe.] 2 Vol. [in 1] *illust.* 8⁰. *London*, 1811.
The following works on Natural History appear for the first time:—
Additional observations on Grasses. By Prof. T. Martyn.
Additions to the Calendar of Flora. By Prof. T. Martyn.
Memoranda for the History of Husbandry.
Of the Grasses mentioned by Theophrastus [by J. Stackhouse, founded upon memoranda left by B. Stillingfleet].

Stillingfleet (B.) [Miscellaneous Tracts relating to Natural History (translated from Linné's "Amœnitates Academicæ" by B. Stillingfleet) . . . To which is added the Calendar of Flora. By B. Stillingfleet, made at Stratton in Norfolk. 8⁰. *London*, 1759.]
Wanting.

—— Second edition . . . augmented with additional notes (— Observations on Grasses [By B. Stillingfleet]), *&c. See* LINNÆUS (C.) [*Theses & Orations.*] 8⁰. 1762.

—— The fourth edition. 8⁰. 1791.

Select dissertations from the Amœnitates Academicæ, a supplement to Mr. Stillingfleet's Tracts relating to Natural History, *&c. See* LINNÆUS (C.) [*Theses & Orations.*] 8⁰. 1781.

Stillingfleet (B.) The Calendar of Flora, Swedish and English. Made in the year 1755. *pp. xxiii, 45* [*6*]. 4⁰. *London*, 1761.
1. The Calendar of Flora. By A. M. Berger [*i.e.* C. Linnæus], Upsal, 1755. Latitude 59° 51½′. [Omitting the Lists of Plants.]
2. The Calendar of Flora. By B. Stillingfleet. Made at Stratton in Norfolk . . . 1755. Latitude 52° 45′.
3. The Calendar of Flora. By Theophrastus. At Athens. Latitude 37° 25′.

—— [Re-issue.] *See* LINNÆUS (C.) [*Theses & Orations.*] Miscellaneous Tracts relating to Natural History . . . Second edition, *&c.* 8⁰. 1762.

—— —— Fourth edition. 8⁰. 1791.
Reprinted in the "Literary Life and Select Works of B. Stillingfleet," Vol. II, 1811 [*q.v.* supra].

Stillingfleet (B.) A Discourse concerning the Irritability of some Flowers. A new discovery. Translated [with a preface, by B. Stillingfleet] from the Italian. *See* COVOLO (G. DAL) *Conte.* 4⁰. [1767.]

STILLMAN (J. D. BABCOCK) [1819–] The Horse in motion, as shown by instantaneous photography, with a study on animal mechanics founded on anatomy and the revelations of the camera, in which is demonstrated the theory of quadrupedal locomotion by J. D. B. Stillman . . Executed and published under the auspices of L. Stanford. *pp. 127 : 107 pls. (col.)* 4⁰. *Boston* [*Mass.*], 1882.

STIMPSON (WILLIAM) [1832–1872] Shells of New England. A revision of the synonymy of the testaceous Mollusks of New England, with notes on their structure, and their geographical and bathymetrical distribution, *&c. pp. 56* [*1*]*: 2 pls.* 4⁰. *Boston* [*Mass.*], 1851.

Stimpson (W.) Synopsis of the Marine Invertebrata of Grand Manan: or the region about the mouth of the Bay of Fundy, New Brunswick. *pp. 66 : 3 pls. See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. VI, art. 5. 4⁰. 1854.

Stimpson (W.) The Crustacea and Echinodermata of the Pacific Shores of North America. *pp. 92 : 6 pls.* 8⁰. *Riverside, Cambridge* [*Mass.*], 1857.
Journ. Boston Soc. Nat. Hist. Vol. VI.

Stimpson (W.) Prodromus descriptionis Animalium evertebratorum, quæ in expeditione ad Oceanum Pacificum Septentrionalem, a Republica Federata missa, C. Ringgold et J. Rodgers ducibus, observavit et descripsit W. Stimpson. 8 Pt. *pp. 116 : text illust.* 8⁰. *Philadelphia*, 1857–60.
Proc. Acad. Nat. Sci. Philad. 1857–60.

Stimpson (W.) Notes on North American Crustacea. 2 No. *pp. 118 : 3 pls.* 8⁰. *New York*, (1858–) 1859 (–60).
Ann. Lyceum Nat. Hist. New York. 1858–60.

Stimpson (W.) Check list of the Shells of North America. East Coast: Arctic Seas to Georgia. *pp. 6. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. II, art. 6, no. 3. 8⁰. 1860.

Stimpson (W.) Shells of the North Pacific Exploring Expedition . . . mostly collected by W. Stimpson. *See* GOULD (A. A.) Otia Conchologica, *&c.* 4⁰. 1862.

Stimpson (W.) Researches upon the Hydrobiinæ and allied forms; chiefly made upon materials in the Museum of the Smithsonian Institution. *pp. 59 [1]: text illust. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. VII, art. 4. 8⁰. 1865.

Stimpson (W.) Review of the northern Buccinums, and remarks on some other northern marine Mollusks. Pt. I. *pp. 27.* 8⁰. [*Montreal*, 1865.]
Canadian Naturalist. II. 1865.

Stimpson (W.) Zoological results of the Hassler Expedition. II. Ophiuridæ and Astrophytidæ, including those dredged by . . . W. Stimpson. By T. Lyman. *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Illustrated Catalogue, *&c.* No. 8. 4⁰. 1875.

Stimpson (W.) Report on the Crustacea (Brachyura and Anomura) collected by the North Pacific Exploring Expedition, 1853-56. [Edited, with a preface, by M. J. Rathbun.] *pp. 240: 26 pls. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. (No. 1717.) Vol. XLIX. 8⁰. 1907.

STINGELIN (THEODOR) Ueber ein im Museum zu Olten aufgestelltes Kranium von *Elephas primigenius*, Blumenbach. *pp. 9: 2 pls., text illust. See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* Vol. XXIX. 4⁰. 1902.

STIPRIAAN-LUÏSÇIUS (ABRAHAM GERARD VAN) [1763-1829] A. G. van Stipriaan Luïsçii . . . responsio ad quæstionem . . . propositam: Per analysin determinentur principia, cum proxima, tum remota; duorum corporum vegetabilium, quorum alterum ex materie alimentari, alterum ex materie medica est desumendum. *pp. 42. See* LEYDEN.—RIJKS UNIVERSITEIT. Annales Academiæ Lugduno-Batavæ. 1818-19. 4⁰. 1819.

STIRLING FIELD CLUB.
See STIRLING NATURAL HISTORY AND ARCHÆOLOGICAL SOCIETY.

STIRLING NATURAL HISTORY AND ARCHÆOLOGICAL SOCIETY.
[1878 Founded as *Stirling Field Club.*
1882 *Stirling Natural History and Archæological Society.*]
Transactions, *&c.* Session 1878-9→
12⁰. *Stirling*, 1880→
The part for Session 1878-9 was not published till 1898.

—— Index . . . Vol. I-XX. 12⁰. *Stirling*, 1898.

STIRLING (EDWARD CHARLES) [1848-] [Anthropology of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition to Central Australia. Pt. IV. 8⁰. 1896.

STIRLING (J.) The propagation of the Salmonidæ, *&c. See* LONDON.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1884.

STIRLING (JAMES) [1852-] Reports on the Victorian Coal-Fields. [No. I] III→ *See* VICTORIA, *Australia.—Department of Mines.* Special Reports, *&c.* 4⁰. 1892→
Wanting No. 2 & 5.

Stirling (JAMES) Catalogue of Rocks, Fossils, and Minerals, supplied by the Mining Department. Collection prepared . . . under the supervision of J. Stirling, Government Geologist. *See* VICTORIA, *Australia.—Department of Mines.* 8⁰. [1899.]

Stirling (JAMES) [For official reports as Government Geologist]
See VICTORIA, *Australia.—Department of Mines.*
See also *Geological Survey.*

STIRLING (JAMES HUTCHINSON) [1820-1909] [As regards Protoplasm. 8⁰. *Edinburgh & London*, 1869.]
Wanting.

—— New . . . edition, *&c. pp. 76.* 8⁰. *London*, 1872.

STIRLING (WILLIAM) A Text-book of Human Physiology . . . Translated from the fourth German edition. With additions by W. Stirling. 2 Vol. *See* LANDOIS (C. C. A. L.) 8⁰. 1885.

STIRRUP (MARK) [1831-1907] & **Dawkins** (W. B.) [Physiography and Geology of the Manchester district.] *See* BRITISH ASSOCIATION. Handbook of Manchester, *&c.* 8⁰. 1887.

STIRTON (JAMES) On the Cryptogamic Botany of the West of Scotland. *See* ALSTON (E. R.) Notes on the Fauna and Flora of the West of Scotland. 8⁰. 1876.

Stirton (J.) [List of Musci—Hepaticæ—Lichenes of Clydesdale.] *See* GLASGOW SOCIETY OF FIELD NATURALISTS. A contribution towards . . . the Fauna and Flora of Clydesdale and the West of Scotland. 8⁰. 1876.

STISSER (JOHANN ANDREAS) [1657-1700] Botanica curiosa, oder nützliche Anmerckungen, wie einige frembde Kräuter und Blumen in seinem Anno 1692 zu Helmstedt angelegten Medicinischen Garten bisshero cultiviret und fortgebracht J. A. Stisser, *&c. pp. [xiv,] 224: 12 pls.* 8⁰. *Helmstedt*, 1697.

STIZENBERGER (ERNST) [1827-1895] Uebersicht der Versteinerungen des Grossherzogthums Baden. *pp. 144, 1 tab.* 8⁰. *Freiburg-im-Breisgau*, 1851.

Stizenberger (E.) Dr. L. Rabenhorst's Algen Sachsens resp. Mitteleuropa's Decade I-C. Systematisch geordnet (mit Zugrundelegung eines neuen Systems) von . . . E. Stizenberger. *pp. 41.* 8⁰. *Dresden*, 1860.
This accompanied a set of Herbarium specimens.

Stizenberger (E.) Beitrag zur Flechtensystematik, *&c.* 8⁰. [*St. Gallen*, 1862.]
Ber. St. Gall. Naturw. Gesell. 1861-2, *pp. 124-182.*

Stizenberger (E.) Kritische Bemerkungen über die Lecideaceen mit nadelförmigen Sporen. *pp. 76: 2 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXX, no. 3. 4⁰. 1863 (1864).

Stizenberger (E.) Ueber die steinbewohnenden Opegrapha-Arten. *pp. 39. 2 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXII, pt. II, no. 4. 4⁰. 1865.

Stizenberger (E.) *Lecidea sabuletorum*, Flörke, und die ihr verwandten Flechten-Arten. Eine Monographie. *pp. 84: 3 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXIV, no. 2. 4⁰. 1867 (1868).

Stizenberger (E.) Index Lichenum hyperboreorum. *pp. 57.* 8⁰. *Sangallensis*, 1876
Ber. St. Gall. Naturw. Gesell. 1874-5 (1876), *pp. 189-245.*

Stizenberger (E.) Lichenes Helvetici eorumque stationes et distributio. *pp. xxiii, 377.* 8⁰. *Sanctum Gallum*, 1882–83.
Ber. St. Gall. Naturw. Gesell. 1880–1 (1882), *pp. 255–522*; 1881–2 (1883), *pp. 201–327.*

Stizenberger (E.) Lichenæa Africana. 2 Pt. *pp. 280.* 8⁰. *St. Gallen*, 1890–91.
Ber. St. Gall. Naturw. Gesell. 1888–9 & 1889–90.
The same publication for 1891–2 (1893) contained "Supplementa."

STOBÆUS (Kilian) [1690–1742] K. Stobæi . . . Opera, in quibus Petrefactorum, Numismatum et Antiquitatum Historia illustratur, *&c.* 2 Pt. *pp. [viii,] 327 [6] : 17 pls., text illust.* 4⁰. *Dantisci*, [1752-] 1753.
The original title to Pt. 1 reads :—"Opuscula," *&c.*

Stobæus (K.) Kilian Stobæus d. ä. och hans brefväxling, af C. M. Fürst. *pp. 151 [1] : 1 port., 1 text illust. See* Lund.—Karolinska universitetet. Acta, *&c.* Nova Series, Tom. ii, no. 11. 4⁰. 1907.

STOCKBERGER (Warner W.) The Drug known as Pinkroot. *pp. 8 : 2 pls., text illust. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 100, pt. v. 8⁰. 1906.

Stockberger (W. W.) The sources of Arsenic in certain samples of dried Hops. *See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 121, pt. iv. 8⁰. 1908.

STOCKBRIDGE (Horace Edward) Rocks and Soils : their origin, composition and characteristics ; chemical, geological and agricultural. *pp. x, 239 : 13 pls., text illust.* 8⁰. *New York*, 1888.

STOCKDALE (Frank Arthur) Fungus Diseases of Cacao, and sanitation of Cacao orchards. *See* West Indies.—*Imperial Department of Agriculture.* 8⁰. 1908.
Pamphlet Series, No. 54.

STOCKHOLM.—*Bergianska Botaniska Trädgården.*
[Founded 1791.]
Neue oder wenig bekannte Hybriden in dem Botanischen Garten, Bergielund (Hortus Bergianus), beobachtet von S. Murbeck. *pp. 21 : 1 pl. (col.) See* infra, Kongliga Svenska Vetenskaps-Akademien. Acta Horti Bergiani, *&c.* Bd. ii, no. 5. 4⁰. 1894.

Stockholm.—*Bergianska Botaniska Trädgården.*
Ueber einige im Bergianschen Botanischen Garten in Stockholm kultivierte Taraxaca, von H. Dahlstedt. *pp. 31 : 2 pls. col., text illust.*
Zwei im Bergianischen Garten im Sommer 1906 gefundene *Senecio*-Hybriden, *S. nebrodensis*, L. × *viscosus*, L., und *S. nebrodensis*, L. × *vulgaris*, L., von N. Sylvén. *pp. 8 : 1 pl.*
Studier öfver Bergianska Trädgårdens spontana *Rosa*-former. Af S. Almquist. *pp. 88 : 1 pl. col., text illust. See* infra, Kongliga Svenska Vetenskaps-Akademien. Acta Horti Bergiani, *&c.* Bd. iv, no. 2–4. 4⁰. 1907.

STOCKHOLM.—Biologiska Föreningen.
[Founded 1888.]
Biologiska Föreningens Förhandlingar. Verhandlungen des Biologischen Vereins, *&c.* Bd. i–iv.† 8⁰. *Stockholm & Leipzig*, 1888–92.

STOCKHOLM.—Botaniska Sällskapet.
[For Proceedings, *&c.*] *See* Botaniska Notiser, *&c.* 1885–96. 8⁰. 1885–96.
After 1896 the accounts of the Society's proceedings were reduced to mere brief notices, but in 1907→ fuller accounts appeared in the "Svensk Botanisk Tidskrift," for which *See* infra, Svenska Botaniska Föreningen.

STOCKHOLM.—Entomologiska Föreningen.
[Founded 1879.]
Entomologisk Tidskrift . . . utgifven af J. Spångberg (Journal Entomologique, *&c.*). Årg. i→ 8⁰. *Stockholm*, 1880→
—— Alfabetiskt Register . . . Årg. i–x, 1880–89, *&c.* 8⁰. *Stockholm*, 1890.
Printed in treble column.
—— Årg. xi–xxx, 1890–1909, *&c.* 8⁰. *Uppsala*, 1911.
Printed in treble column.

STOCKHOLM.—Geologiska Föreningen.
[Founded 1871.]
Förhandlingar. Bd. i→ 8⁰. *Stockholm*, 1872→
—— Generalregister . . . Bd. i–v . . . 1872–81, *&c.* 8⁰. *Stockholm*, 1882.
—— —— Bd. vi–x . . . 1882–88, *&c.* 8⁰. *Stockholm*, 1890.
—— —— Bd. xi–xxi . . . 1889–99, *&c.* 8⁰. *Stockholm*, 1900.
—— —— Bd. xxii–xxxi . . . 1900–09, *&c.* 8⁰. *Stockholm*, 1911.

STOCKHOLM.—Kongliga Svenska Vetenskaps-Akademien.
[Founded 1739. The word 'Svenska' was omitted from the title during the years 1757–1854.]
Handlingar, *&c.* Vol. i–xl. 1739–79. 8⁰. *Stockholm*, 1741–79.
[*Continued as :*]
Handlingar. Vol. i–xxxiii. 1780–1812. 8⁰. *Stockholm*, 1780–1812.
[*Continued as :*]
Handlingar, *&c.* 1813–54. 42 Vol. 8⁰. *Stockholm*, 1813–56.
[*Continued as :*]
—— Ny Följd, Bd. i→ 1855→ 4⁰. *Stockholm*, 1858→
In Bd. ii→ each paper is separately paged.
—— Register . . . 1739 till . . . 1825, *&c.* 8⁰. *Stockholm*, 1831.

Stockholm.—K. Svenska Vetensk.-Akademien.
Mémoires, *&c.* 1739–67. *See* Collection Académique, *&c.* Partie Étrangère, Tom. xi. 4⁰. 1772.

Stockholm.—K. Svenska Vetensk.-Akademien.
Öfversigt af . . Förhandlingar. 1844–1902. Årg. i–lix.† 8⁰. *Stockholm*, 1845–1903.
In Årg. xxix (1872)—xlii (1885) each number is separately paged.

Stockholm.—K. Svenska Vetensk.-Akademien.
Bihang till . . . Handlingar. Bd. i–xxviii.† 8⁰. *Stockholm*, 1872–1902 (1903).
Each paper is separately paged.

Stockholm.—K. Svenska Vetensk.-Akademien.
Årsbok för år 1903→ 8⁰. *Stockholm*, 1903→

Stockholm.—K. Svenska Vetensk.-Akademien.
Arkiv för Botanik, *&c.* Bd. i→ 8⁰. *Stockholm*, 1903→

Stockholm.—K. Svenska Vetensk.-Akademien.
Arkiv för Kemi, Mineralogi och Geologi, *&c.* Bd. i→ 8⁰. *Stockholm*, 1903→

Stockholm.—K. Svenska Vetensk.-Akademien.
Arkiv för Zoologi, *&c.* Bd. i→ 8⁰. *Stockholm*, 1903→

Stockholm.—K. Svenska Vetensk.-Akademien.
Acta Horti Bergiani. Meddelanden från Kongl. Svenska Vetenskaps-Akademiens Trädgård Bergielund . . . redigerade af V. B. Wittrock, *&c.* Bd. i→ 4⁰. *Stockholm*, 1891→
Each paper is separately paged.
Vol. iv contains papers published for the bicentenary of Linnæus.

Stockholm.—K. Svenska Vetensk.-Akademien.
Förteckning öfver innehållet i . . . Skrifter. 1826–83. Af E. W. Dahlgren. *pp. 116.* 8⁰. *Stockholm*, 1884.

Stockholm.—K. Svenska Vetensk.-Akademien.
Årsberättelser om Vetenskapernas Framsteg, afgifne af . . . Academiens embetsmän d. 31 Mars 1821 (1822–1825). 5 Vol. 8⁰. *Stockholm*, 1822–28.
In the number for 1821–2, which is a reprint dated 1828, each section was separately paged, and all except the Zoological portions are wanting. After the number for 1824–5 each section appeared as a separate work.

Stockholm.—K. Svenska Vetensk.-Akademien.
Jahresbericht . . . über die Fortschritte der Naturgeschichte, Anatomie und Physiologie der Thiere [by J. W. Dalman] und Pflanzen [by J. E. Wikström]. Aus dem Schwedischen mit Zusätzen von . . . J. Müller. 1825. *pp. 216.* 8⁰. *Bonn*, 1828.
Wanting the number for 1824.

Stockholm.—K. Svenska Vetensk.-Akademien.
Öfversigt af (de sednare årens) Botaniska Arbeten och Upptäckter . . . lemnad år 1821 (–25) af J. E. Wikström. 8⁰. *Stockholm*, 1822–26.
[*Continued as :*]
Årsberättelse om framstegen uti Botanik för år 1826 (–27) . . . afgifven . . . af J. E. Wikström. 8⁰. *Stockholm*, 1827–28.
[*Continued as :*]
Års-Berättelse om Botaniska Arbeten och Upptäckter för år 1828 (–52) . . . afgifven . . . af J. E. Wikström. 8⁰. *Stockholm*, 1830–57.
[*Continued as :*]
Berättelse om Botaniska Arbeten och Upptäckter under åren 1853 och 1854 . . . afgifven af N. J. Andersson. 8⁰. *Stockholm*, 1856.
Up to 1844 each number was first published in the Society's "Årsberättelser om Vetenskapernas Framsteg," *&c.*
A copy of the original issue of the first number is bound in front of the set.
The records for 1845–48 were issued as one number (in 2 Vol.).
The number for 1852 was not published till 1857.

—— Register . . . för åren 1820 till och med 1838, *&c.* 8⁰. *Stockholm*, 1852.

Stockholm.—K. Svenska Vetensk.-Akademien.
Jahresberichte . . . über die Fortschritte der Botanik in . . . 1820 (–42) . . . von J. E. Wikström. Uebersetzt und mit Hinweisung auf neuere Arbeiten und mit Registeren versehen von C. T. Beilschmied. 15 Vol. [in 13.] 8⁰. *Breslau*, 1838–47.

Stockholm.—K. Svenska Vetensk.-Akademien.
Årsberättelse om nyare Zoologiska Arbeten och Upptäckter till . . . Academien afgifven den 31 Mars 1826 (1827–40) af J. W. Dalman ([and afterwards] S. Nilsson, B. F. Fries, C. J. Sundevall). 11 Vol. [in 4.] 8⁰. *Stockholm*, 1826–41.
[*Continued as :*]
Årsberättelse om Zoologiens Framsteg under åren 1840–42 (& 1843–46), *&c.* 7 Vol. [in 4.] 8⁰. *Stockholm*, 1843–48.
Divided into separately-paged sections, each with its own title-page :—
Vertebrata, by C. J. Sundevall.
Insecta, by C. H. Boheman.
Crustacea, *&c.*, by S. Lovén.
Later issues appeared under the sectional titles as distinct works.

Stockholm.—K. Svenska Vetensk.-Akademien.
Årsberättelse (Berättelse) om framstegen i Insekternas, Myriapodernas och Arachnidernas naturalhistoria för 1847 och 1848 (1849–56) af C. H. Boheman. 5 Vol. [in 2.] 8⁰. *Stockholm*, 1851–59.

Stockholm.—K. Svenska Vetensk.-Akademien.
Berättelse om framstegen i Molluskernas, Crustaceernas och de lägre Skelettlösa Djurens naturhistoria under åren 1845–1849 . . . Afgifven af S. Lovén. *pp. ix, 645.* 8⁰. *Stockholm*, 1852.

Stockholm.—K. Svenska Vetensk.-Akademien.
Berättelse om framstegen i Vertebrerade Djurens naturalhistoria och Ethnografien under åren 1845–50 . . . Af C. J. Sundevall. *pp. xii, 466.* 8⁰. *Stockholm*, 1853.

Stockholm.—K. Svenska Vetensk.-Akademien.
Jahres-Bericht über die Fortschritte der Physischen Wissenschaften von J. Berzelius . . . Aus dem Schwedischen übersetzt von C. G. Gmelin ([and afterwards] F. Wöhler). Jahrg. I–XX. 8⁰. *Tübingen*, 1822–41.
[*Continued as :*]
Jahres-Bericht über die Fortschritte der Chemie und Mineralogie ; von J. Berzelius, *&c.* Jahrg. XXI–XXVII. 8⁰. *Tübingen*, 1842–48.
Wanting Jahrg. XXVIII–XXXI, 1849–51.

—— . . . Sach- und Namen-Register. I–XXV. Jahrg. 8⁰. *Tübingen*, 1847.

Stockholm.—K. Svenska Vetensk.-Akademien.
Svensk Botanik utgifven af Kongl. Vetenskaps-Academien, *&c.* Bd. IX–XI. *See* PALMSTRUCH (J. W.) 8⁰. 1823–43.

Stockholm.—K. Svenska Vetensk.-Akademien.
[Palæontologia Scandinavica, *&c.* Pt. I, fasc. 1, 2.† *See* ANGELIN (N. P.) 4⁰. 1851, 54.]
Wanting.

—— [Second edition, edited by G. Lindström.] 4⁰. 1878.

Stockholm.—K. Svenska Vetensk.-Akademien.
Kongliga Svenska Fregatten Eugenies Resa omkring jorden . . . åren 1851–53. Vetenskapliga iakttagelser . . . utgifna af K. Svenska Vetenskaps-Akademien, *&c.* 2 Vol. *illust.* *See* SWEDEN. 4⁰. 1857–1910.

Stockholm.—K. Svenska Vetensk.-Akademien.
Iconographia Crinoideorum in stratis Sueciæ siluricis fossilium, *&c.* *See* ANGELIN (N. P.) 4⁰. 1878.

Stockholm.—K. Svenska Vetensk.-Akademien.
Kritisk ordbok öfver Svenska Växtnamnen af E. Fries. Utgifven af Svenska Akademien. *pp. 177.* SWED. & LAT. 8⁰. *Stockholm*, 1880.

Stockholm.—K. Svenska Vetensk.-Akademien.
Fragmenta Silurica e dono C. H. Wegelin, *&c.* *See* ANGELIN (N. P.) 4⁰. 1880.

Stockholm.—K. Svenska Vetensk.-Akademien.
Mittheilungen des Ornithologischen Komitees der . . . Akademie, *&c.* [By C. R. Lundström.] Pt. I–IV. *See* supra, Bihang till . . . Handlingar. Bd. XIII, afd. IV, no. 3 ; bd. XIV, afd. IV, no. 1 ; bd. XVI, afd. IV, no. 3 ; bd. XVII, afd. IV, no. 4. 8⁰. 1887–92.

Stockholm.—K. Svenska Vetensk.-Akademien.
Om Sveriges Zoologiska Hafsstation Kristineberg. *See* THÉEL (J. H.) 8⁰. 1895.

Stockholm.—K. Svenska Vetensk.-Akademien.
Skrifter af C. von Linné utgifna af Kungl. Svenska Vetenskapsakademien, *&c.* 4 Vol. *See* LINNÆUS (C.) [*Works.*] 8⁰. 1905–08.

Stockholm.—K. Svenska Vetensk.-Akademien.
C. von Linnés betydelse såsom naturforskare och läkare. Skildringer utgifna af Kungl. Svenska Vetenskapsakademien i anledning af tvåhundraårsdagen af Linnés födelse. 8⁰. *Uppsala*, 1907.
Contains :—
1. C. von Linné såsom Läkare och Medicinisk författare, af O. E. A. Hjelt. *pp. [iv,] 244.*
2. C. von Linné såsom Zoolog, af E. Lönnberg och C. Aurivillius. *pp. 80.*
3. C. von Linné såsom Botanist, af C. A. M. Lindman. *pp. 116.*
4. C. von Linné såsom Geolog, af A. G. Nathorst. *pp. 80 : 2 pls., text illust.*
5. C. von Linné såsom Mineralog, af H. Sjögren. *pp. 38 : text illust.*

Stockholm.—K. Svenska Vetensk.-Akademien. Om utvecklingen af Sveriges Zoologiska Hafsstation Kristineberg och om djurlifvet i angränsande haf och fjordar. Af H. Théel. *pp. 136 : 5 pls., 3 maps, text illust. See* supra, Arkiv för Zoologi, *&c.* Bd. IV, no. 5. 8⁰. 1908.

Stockholm.—K. Svenska Vetensk.-Akademien. Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen Deutsch-Ostafrikas, 1905–1906, unter Leitung von . . . Y. Sjöstedt. Herausgegeben . . . von der Königl. Schwedischen Akademie der Wissenschaften. 3 Bd. *illust. See* SJÖSTEDT (B. Y.) 4⁰. 1910.

STOCKHOLM.—Kongliga Svenska Vetenskaps-Akademien.—*Nobel Institut.* Les Prix Nobel en 1901 (1902→) 8⁰. *Stockholm*, 1904→
Contains biographical notices, with portraits, of the recipients of the awards, and their theses, each separately paged.

Stockholm. — Kongliga Svenska Vetenskaps-Akademien.—*Nobel Institut.* Meddelanden, *&c.* Bd. I→ 8⁰. *Uppsala & Stockholm*, 1905→

STOCKHOLM.—Kongliga Vetenskaps-Akademien. *See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN.

STOCKHOLM.—Naturhistoriska Riksmuseum. —*Botaniska Avdelning.* A Linnæan Herbarium in the . . Museum . . . By C. A. M. Lindman. 2 Pt. *illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VII, no. 3 ; IX, no. 6. 8⁰. 1908, 10.

Stockholm. — Naturhistoriska Riksmuseum. — *Botaniska Avdelning.* Ueber einige Farne in O. Swartz' Herbarium. Von C. Christensen. *pp. 46 : 5 pls., text illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. IX, no. 11. 8⁰. 1910.

Stockholm. — Naturhistoriska Riksmuseum. — *Botaniska Avdelning.* Skandinaviska former af *Rosa glauca*, Vill., i Naturhistoriska Riksmuseum . . . Af S. Almquist. *pp. 118 : 10 pls., text illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. X, no. 3. 8⁰. 1910.

Stockholm. — Naturhistoriska Riksmuseum. — *Paläontologiska Avdelning.* List of the Fossil Faunas of Sweden. Pt. I–III. 8⁰. *Stockholm*, 1888.
No. I. Cambrian and Lower Silurian [by G. Lindström]. *pp. 24.* 1888.
,, II. Upper Silurian [by G. Lindström]. *pp. 29.* 1888.
,, III. Mesozoic [by B. Lundgren]. *pp. 20.* 1888.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Handledning vid beseendet av Zoologiska Samlingarna uti Riksmuseum. Femtonde upplagan. *pp. 49.* 8⁰. *Stockholm*, 1890.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Catalogue of Linnæan type-specimens of Snakes in the . . . Museum . . . By L. G. Andersson. *pp. 35. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXIV, afd. IV, no. 6. 8⁰. 1899.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Catalogue of Linnean type-specimens of Linnæus's Reptilia in the . . . Museum . . . By L. G. Andersson. *pp. 29. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 1. 8⁰. 1900 (1901).

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Some new species of Snakes from Cameroon and South America, belonging to the Collections of the . . . Museum . . . By L. G. Andersson. *pp. 26 : 2 pls. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVII, afd. IV, no. 5. 8⁰. 1901 (1902).

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . I. Sipunculids. By H. Théel. *pp. 130 : 15 pls. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXXIX, no. 1. 4⁰. 1905.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . II. Priapulids, Echiurids, etc. By H. Théel. *pp. 28 : 2 pls., text illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XL, no. 4. 4⁰. 1906.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Notes on Birds collected in the Congo Free State by . . . K. E. Laman. By E. Lönnberg. *pp. 18. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 21. 8⁰. 1907.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . III. Opisthobranchia and Pteropoda. By N. Odhner. *pp. 114 : text illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLI, no. 4. 4⁰. 1907.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . IV. Hydroiden. Von E. Jäderholm. *pp. 124 : 12 pls. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar, *&c.* Ny Följd, Bd. XLV, no. 1. 4⁰. 1909.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Marine Mollusca of Iceland in the Collections of the . . . Museum. By N. Odhner. *pp. 31 : 1 pl. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 4. 8⁰. 1911.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Neue Afrikanische Termiten im Schwedischen Reichsmuseum. Von Y. Sjöstedt. *pp. 18. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 20. 8⁰. 1911.

Stockholm. — Naturhistoriska Riksmuseum. — *Zoologiska Avdelning.* Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . V. Prosobranchia. 1. Diotocardia, by N. Odhner. *pp. 93 : 7 pls., text illust. See* supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLVIII, no. 1. 4⁰. 1912.

STOCKHOLM.—Riksmuseum. *See* supra, NATURHISTORISKA RIKSMUSEUM.

STOCKHOLM.—Société Entomologique. *See* supra, ENTOMOLOGISKA FÖRENINGEN.

STOCKHOLM.—Statens Naturhistoriska Museum. *See* supra, NATURHISTORISKA RIKSMUSEUM.

STOCKHOLM.—Stockholms Högskola.
[Founded 1878.]
Meddelanden från Stockholms Högskolas Botaniska Institut. Bd. I→ 8⁰. [*Stockholm*,] 1898→
A series of reprints from the "Bihang till K. Svensk. Vet.-Akad. Handlingar," and other sources.

STOCKHOLM.—Svenska Botaniska Föreningen.
[Founded 1907.]
Svensk Botanisk Tidskrift . . . Redaktör: . . . C. Rosenberg. Bd. I→ 1907→ 8⁰. *Stockholm*, 1908→
The Proceedings of the "Botaniska Sällskapet" [*q.v.* supra] are published in this serial.

STOCKPORT.—Glacialists' Association.
See GLACIALISTS' ASSOCIATION.

STOCKPORT.—Parks, Museum, and Library Committee.
Reports of the Borough Librarian . . . and of the Curator of the Museum . . . 1st April, 1911, to 31st March, 1912 (1912–13→) 8⁰. [*Stockport*, 1912→]

STOCKS (JOHN ELLERTON) [1822–1854] Practical remarks on the Plants of Sind; and the uses of certain of the wild Plants in medicine, *&c.* *See* BOMBAY, *Government of.* Selections from the records of the Bombay Government. New Series, No. XVII. 8⁰. 1855.

Stocks (J. E.) List of Timber Trees, Fruit Trees, and Bushes in Sindh. *See* LANGLEY (E. A.) Narrative of a residence at the Court of Meer Ali Moorad, *&c.* Vol. II, Appendix E. 8⁰. 1860.

STOCKTON (CHARLES H.) The Arctic Cruise of the U.S.S. Thetis in . . . 1889. 8⁰. *Washington*, 1890.
National Geographic Magazine. Vol. II, *pp. 171–198 : 1 map.*

STODDART (WILLIAM WALTER) [1824–1880] Silurian, Carboniferous and Millstone-Grit [of the Bristol District]. *See* BRITISH ASSOCIATION, *&c.* Bristol and its Environs, *&c.* Section VII. 8⁰. 1875.

STOEBER (FRANZ FRIEDRICH) [1862–] Mittheilungen über den Kalkspath von Elsass-Lothringen. *pp. 62 : 4 pls. See* ALSACE-LORRAINE.—*Commission fuer die Geologische Landes-Untersuchung, &c.* Mittheilungen, *&c.* Bd. V, hft. 1. 8⁰. 1892.

Stoeber (F. F.) & **Renard** (A. F.) Notions de Minéralogie. *See* RENARD (A. F.) & STOEBER (F. F.) 8⁰. 1900.

STOEHR (EMIL) Die Kupfererze an der Mürtschenalp und der auf ihnen geführte Bergbau, *&c.* *pp. 36, 3 tabs. : 4 pls. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. XXI. 4⁰. 1865.

Stoehr (E.) Der Vulkan Tengger in Ost-Java, *&c.* *pp. 49 : 2 pls. (1 col.)* 8⁰. *Dürkheim-a.-H.*, 1868.

Stoehr (E.) & **Schwager** (C.) Studio sui Foraminiferi dei Dintorni di Girgenti. *pp. 37 : 1 pl.* 4⁰. *Roma*, 1878.
Two reprints from "Boll. R. Comitato Geol. Italia," IX, viz. :—
1. Sulla posizione geologica del Tufo e del Tripoli nella zona solfifera di Sicilia, per E. Stöhr.
2. Nota su alcuni Foraminiferi nuovi del Tufo di Stretto presso Girgenti, per C. Schwager.

STOEHR (PHILIPP ADRIAN) [1849–1911] Zur Entwicklungsgeschichte des Kopfskeletes der Teleostier. *See* WURZBURG.—KOENIGLICHE JULIUS-MAXIMILIANS-UNIVERSITAET. Festschrift der dritten Säcularfeier der Alma Julia Maximiliana, *&c.* Bd. II, no. 4. 4⁰. 1882.

Stoehr (P. A.) Gedächtnisrede auf A. von Kölliker . . . von P. Stöhr. *pp. 22 : 1 port. See* WURZBURG.—PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XXXVIII, no. 9. 8⁰. 1906.

STOELTER (GEORG FRIEDRICH) Practische Resultate der Blutegelzucht und deren Rentabilität. *pp. 22.* 4⁰. *Hildesheim*, 1860.

STOERCK (ANTON VON) [1731–1803] [A. Störck . . . Libellus (—Libellus secundus) quo demonstratur: Cicutam non solum usu interno tutissime exhiberi, sed et esse simul remedium valde utile in multis morbis, qui hucusque curatu impossibiles dicebantur. 8⁰. *Vindobonæ*, 1760–61.]
Wanting.

—— Libellus . . . Editio altera. *pp.* [*xiv,*] *110.* 8⁰. *Vindobonæ*, 1761.

—— [Another edition.] Libellus secundus, *&c.* *pp.* [*viii,*] *292.* 8⁰. *Vindobonæ*, 1763.

A. Störck . . . Supplementum necessarium de Cicuta, *&c.* *pp. 67 : 1 pl.* 8⁰. *Vindobonæ*, 1761.

Appendix de Cicuta. *See* infra, A. Störck . . . Libellus, quo demonstratur: Colchici autumnalis radicem . . . tuto posse exhiberi hominibus, *&c.* 8⁰. 1763.

Stoerck (A. VON) A Second Essay on the Medicinal Virtues of Hemlock . . . Translated from the original Latin, by a Physician. *pp.* [*iv,*] *viii, 159.* 8⁰. *London*, 1761.
Wanting the translation of the First Essay that appeared in 1760.

A necessary Supplement to the former Essays on the medicinal virtues of Hemlock . . . Translated from the original Latin . . . By a Physician. *pp. iv, 47 : 1 pl.* 8⁰. *London*, 1762.

Stoerck (A. VON) An Essay on Hemlock . . . by . . . A. Stork [*sic*] . . . newly translated from the Latin by F. H., Physician. *pp. ix, ii, 62.* 8⁰. *Aberdeen*, 1762.

Stoerck (A. VON) A[n] Essay on the medicinal nature of Hemlock. In two parts. To which is annexed, a necessary Supplement on the subject. Translated from the Latin of . . . A. Storck, *&c.* *pp. 279 : 1 pl.* 8⁰. *Edinburgh*, 1762.

Stoerck (A. VON) A. Störck . . . Libellus, quo demonstratur: Stramonium, Hyosciamum, Aconitum . . . tuto posse exhiberi usu interno hominibus, *&c.* *pp.* [*ii,*] *118 : 3 pls.* 8⁰. *Vindobonæ*, 1762.

Stoerck (A. VON) A. Störck . . . Libellus, quo demonstratur: Colchici autumnalis radicem . . . tuto posse exhiberi hominibus, *&c.* (Appendix de Cicuta.) *pp. 96 : 1 pl.* 8⁰. *Vindobonæ*, 1763.

Stoerck (A. VON) [Hrn. A. Störcks . . . Beobachtungen von dem sichern Gebrauch und Nutzen des Schierlings, Stechapfels, Bilsenkrauts, Eisenhütleins und der Zeitlosen. Aus dem Lateinischen übersetzt, und mit einer Vorrede und einigen Erfahrungen vermehrt von G. L. Rumpelt. 8⁰. *Dresden*, 1762.]
Wanting.

—— Zweyte Auflage. *pp.* [*xlvi,*] *384 : 3 pls.* 8⁰. *Dresden & Warschau*, 1765.
This is a translation of all the foregoing works by Störck.

STOESSNER ( ) Ueber die Vegetationsverhältnisse von Annaberg und Umgebung, *&c.* *pp. xxiii.* 4⁰. *Annaberg*, 1859.
Ber. Progym.-Realschulanstalt Annaberg. No. 16.

STOEVER (DIETRICH HEINRICH) [1767–1822] Collectio Epistolarum quas . . . scripsit C. a Linné . . . edidit D. H. Stoever. *See* LINNÆUS (C.) [*Letters.*] 8⁰. 1792.

Stoever (D. H.) Leben des Ritters C. von Linné, nebst den biographischen Merkwürdigkeiten seines Sohnes . . . C. von Linné und einem vollständigen Verzeichnisse seiner Schriften, deren Ausgaben, Uebersetzungen, Auszüge und Commentare. 2 Thl. [in 1 Vol.] 8⁰. *Hamburg*, 1792.

Stoever (D. H.) The Life of Sir C. Linnæus . . Translated from the . . . German by J. Trapp. *pp. xxxviii, 435 : 1 port.* 4⁰. *London*, 1794.

STOFFEL (Cornelis) & **others.** Encyclopædic . . . German-English Dictionary, *&c.* *See* Muret (E.) *& others.* Encyclopædic English-German and German-English Dictionary, *&c.* Pt. ii. 8⁰. [1897-1901.]

STOFFERT (Adolph Th.) Bau und Entwicklung der Schaale von *Emyda Ceylonensis*, Gray. *pp. 26 : 9 pls.* 8⁰. *Basel*, 1889.

Five of the plates having two figures on each of them are counted as double.

STOKES (Alfred C.) The Microscope. An illustrated . . . magazine . . . Edited by . . . A. C. Stokes. Vol. ix, no. 9—xii, no. 3. *See* Microscope, *The.* 8⁰. 1889-92.

STOKES (Arthur Henry) [1842-1910] [For official reports as Inspector of Mines] *See* Great Britain & Ireland.—*Home Office.*

STOKES (Charles) [1783 ?-1853] Remarks on some Corals obtained from great depths in the Antarctic Ocean. *See* Ross (*Sir* J. C.) A Voyage of discovery and research in the southern and antarctic regions, *&c.* Vol. i, Appendix iv. 8⁰. 1847.

Stokes (C.) Catalogue of the . . . Library of . . . C. Stokes, comprising works in Geology, Botany, Mineralogy, *&c.* *pp. 44.* 8⁰. *London*, 1854.

The auctioneer's catalogue for the sale of this Library, with manuscript notes of the prices paid for the various lots.

STOKES (Henry Newlin) [1859-] On Pyrite and Marcasite. *pp. 50 : 1 pl., text illust.* *See* United States. —*Geological Survey.* Bulletin, *&c.* No. 186. 8⁰. 1901.

STOKES (John Lort) [1812-1885] Discoveries in Australia ; with an account of the coast and rivers explored and surveyed during the Voyage of H.M.S. Beagle, in . . . 1837-43 . . . Also a narrative of Capt. O. Stanley's visits to the islands in the Arafūra Sea. 2 Vol. *illust.* 8⁰. *London*, 1846.

Vol. i, Appendix, contains :—
List of Birds.
Descriptions of six Fish . . . By Sir J. Richardson.
Descriptions of some new Australian Reptiles. By J. E. Gray.
Descriptions of new . . . Coleoptera from Australia. By A. White.
Descriptions of some new . . . Lepidoptera from Australia. By E. Doubleday.

STOKES (Jonathan) [1755-1831] A Botanical Arrangement of British Plants . . . second edition . . including a new set of references to figures. By J. Stokes, *&c.* *See* Withering (W.) 8⁰. 1787.

Stokes (Jonathan) A botanical Materia Medica, consisting of the generic and specific characters of the Plants used in medicine and diet with synonyms, and references to medical authors. 4 Vol. 8⁰. *London*, 1812.

STOKES (Ralph S. G.) Mines and Minerals of the British Empire, *&c.* *pp. xx, 403 : 39 pls.* 8⁰. *London*, 1908.

STOKES (Whitley) [1763-1845] A Catalogue of the Minerals in the Museum of Trinity College, Dublin. Pt. 1 . . . Systematic Collection [Drawn up by W. Stephens, edited by W. Stokes]. *See* Dublin University.—*Trinity College.* 8⁰. 1807.

ŠTOLC (Antonín) Monographie Českých Tubificidů. Morfologická a systematická studie. [Monograph on Bohemian Tubificidæ : A morphological and systematic study.] *pp. 45 : 4 pls.* *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Abhandlungen . . . Folg. VII, bd. ii, no. 11. 4⁰. 1888.

Štolc (A.) Sporozoa (Gregariny). Souborný přehled jich morfologie i biologie na základě prací starších i nových. [Sporozoa . . . A complete summary of their morphology and biology founded on ancient and modern researches.] *pp. 29 : text illust.* 8⁰. *v Praze*, 1893.

Věst. České Akad. cís. Frant. Jos. Roč. ii.

Štolc (A.) Actinomyxidia, nová skupina Mesozoů, příbuzná Myxosporidiím. [Actinomyxidia, a new group of Mesozoa, related to the Myxosporidia.] *pp. 12 : 3 pls.* *See* Prague. — česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. viii, čís. 22. 8⁰. 1899.

Štolc (A.) O zažívání a tvoření se uhlohydrátů u amoebovitého ústrojence *Pelomyxa palustris*, Greeff. [On the digestion and reproduction of carbohydrates in *Pelomyxa palustris*, Greeff.] *pp. 30 : 2 pls.* *See* Prague. — česká akademie císaře frantiska josefa, *&c.* Rozpravy . . . Třída II. Roč. ix, čís. 24. 8⁰. 1900.

Štolc (A.) O životním cyklu nejnižších Sladkovodních Červů kroužkovitých a o některých otázkách biologických. Na základě pozorování Českých druhů rodu *Æolosoma.* [On the life cycle of the lowest freshwater Annulata and on some biological questions connected therewith. Based on observations of the Bohemian species of the genus *Æolosoma.*] *pp. 45 : 1 pl.* *See* Prague. — česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. x, čís. 17. 8⁰. 1901.

Štolc (A.) Ueber die intracellulare Agglutination und verwandte Erscheinungen bei *Pelomyxa* (und anderen amoebenartigen Organismen). Pt. i-iv. *See* Prague. —koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1908, no. 5 ; 1910, no. 9 ; 1911, no. 2 & 34. 8⁰. 1909-12.

Štolc (A.) O bezjaderných jedincích a bezjaderných částech Amoeby proteus. [On individuals and fragments of *Amœba proteus* devoid of nucleus.] *pp. 13.* *See* Prague.— koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1909 no. 20. 8⁰. 1910

Štolc (A.) O encystaci Pelomyxy. [On the encystation of *Pelomyxa.*] *pp. 7 : 1 pl.* *See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1910, no. 16. 8⁰. 1911.

STOLICZKA (Ferdinand) [1838-1874] Cretaceous Fauna of Southern India. [Invertebrata.] 4 Vol. *illust.* *See* India.—*Geological Survey.* Palæontologia Indica, *&c.* Ser. I, III, V, VI & VIII. 4⁰. 1861-73.

Stoliczka (F.) Fossile Bryozoen aus dem tertiären Grünsandsteine der Orakei-Bay, bei Auckland, mit Betrachtungen über neue oder weniger bekannte Bryozoen-Sippen und deren Classification. *See* Austria-Hungary. Reise der . . . Fregatte Novara . . . 1857-59, *&c.* Geologischer Theil. Bd. i, abth. 2, no. 4. 4⁰. 1865.

Stoliczka (F.) Ornithological observations in the Sutlej Valley, N.W. Himalaya. *pp. 70.* 8⁰. *Calcutta* [1867].

Journ. Asiatic Soc. Bengal. Vol. xxxv, 1868.

Stoliczka (F.) Kutch Fossils. On some Tertiary Crabs from Sind and Kutch. *pp. 16 : 5 pls. See* INDIA. —*Geological Survey.* Palæontologia Indica, *&c.* Ser. VII & XIV. Tertiary and Upper Cretaceous Fauna of Western India. Vol. I, pt. 1. 4⁰. 1871.

Stoliczka (F.) Diary of the late . . . F. Stoliczka. Yarkand Mission, 1873-74. *pp.* [*ii*,] *60.* 4⁰. [*Calcutta*, 1875.]

Privately printed for the use of the naturalists engaged in working out Stoliczka's Collections.

Stoliczka (F.) Scientific results of the Second Yarkand Mission; based upon the collections and notes of . . . F. Stoliczka, *&c.* 14 Pt. *See* INDIA. [*Second Yarkand Mission.*] fol. 1878-91.

Stoliczka (F.) Memoir of the life and work of F. Stoliczka . . . By V. Ball. *See* INDIA. [*Second Yarkand Mission.*] Scientific results of the Second Yarkand Mission, *&c.* Pt. I. fol. 1886.

STOLL (CASPAR) [-1795] De uitlandsche Kapellen, *&c.*—Papillons exotiques des trois parties du monde, *&c.* [Vol. III, p. 105 to the end of the work, edited from Cramer's remaining MS. and continued by C. Stoll.] (Proeve van eene Rangschikkinge der donsvleugelige Insecten, Lepidopteræ, *&c.*—Essai d'un ordre systématique des Insectes à ailes farineuses. Lepidopteræ . . . Par C. Stoll.) 4 Deel *illust. col. See* CRAMER (P.) 4⁰. [1775-] 1779-82.

Aanhangsel van het werk, de uitlandsche Kapellen, *&c.* — Supplément à l'ouvrage, intitulé les Papillons exotiques, des trois parties du monde, l'Asie, l'Afrique et l'Amérique ; par . . . P. Cramer, contenant les figures exactes des Chenilles et des Chrysalides de Suriname ; comme celles des plusieurs rares et nouvellement découvertes Papillons et Phalènes. *pp. viii, 181 : 42 pls. col.* 4⁰. *Amsterdam*, [1787-] 1791.

Dutch and French in parallel columns.
Judging by the copy in the library of the Hon. L. W. Rothschild, pp. 1-42 were issued in 1787, the remainder in 1790 The date on the title-page may be disregarded. *See* KIRBY. Entom. Mo. Mag. Vol. XIV, 1878, p. 279.

Stoll (C.) Natuurlyke en naar 't leeven naauwkeurig gekleurde afbeeldingen en beschryvingen der Cicaden, in alle vier waerelds deelen . . . huishoudende, *&c.*—Représentation . . des Cigales qui se trouvent dans les quatre parties du monde, *&c.* *pp. 124 : 29 pls. col., col. engr. title.* 4⁰. *Amsterdam*, 1788.

Dutch and French in parallel columns.

Stoll (C.) Natuurlyke en naar 't leeven naauwkeurig gekleurde afbeeldingen en beschryvingen der Wantzen, in alle vier waerelds deelen . . . huishoudende, *&c.*—Représentation . . . des Punaises, qui se trouvent dans les quatre parties du monde, *&c.* *pp. 172 : 41 pls. col.* 4⁰. *Amsterdam*, 1788.

Dutch and French in parallel columns.

Stoll (C.) Natuurlijke en naar het leven nauwkeurig gekleurde afbeeldingen en beschrijvingen der Spoken, Wandelende Bladen, Zabel-springhanen, Krekels, Trekspringhanen en Kakkerlakken, *&c.*—Représentation . . . des Spectres ou Phasmes, des Mantes . . . et des Blattes qui se trouvent dans les quatre parties du monde, *&c.* [Continued by M. Houttuyn.] 2 Vol. [in 1] *illust. col.* 4⁰. *Amsterdam*, [1788-] 1813.

Dutch and French in parallel columns.
[Vol. I] Spoken & Wandelende Bladen. *pp. 79 : 25 pls. col., col. engr. title.*
[Vol. II, pt. 1] Zabelspringhaanen. *pp. 28 : 13 pls. col.*
[,, ,, ,, 2] Trekspringhaanen. *pp. 42 : 23 pls. col.*
[,, ,, ,, 3] Krekels. *pp. 8 : 4 pls. col.*
[,, ,, ,, 4] Kakkerlakken [with Index to Vol. II]. *pp. 14 : 5 pls. col.*
Spoken, *pp. 1-56, pls. i-xviii*; Zabelspringhaanen, *pp. 1-16, pls. i-vi*, and probably Trekspringhaanen, *pp. 1-16, pls. i-vi*, were issued by Stoll in 1788 : the remainder, by Houttuyn, appearing in 1813.

STOLL (OTTO) [1849-] Arachnida acaridea [of Central America]. *See* GODMAN (F. D.) & SALVIN (O.) Biologia Centrali-Americana.—Zoology. 4⁰. 1886-93.

STOLLER (JAMES H.) On the Organs of Respiration of the Oniscidæ. *pp. 31 : 2 pls. See* ZOOLOGICA, *&c.* Bd. X, hft. 25. 8⁰. 1899.

STOLLEY (ERNST) [1869-] Beiträge zur Kenntnis der Cephalopoden der Norddeutschen unteren Kreide. I. Die Belemnitiden der Norddeutschen unteren Kreide. 1. Die Belemniten des Norddeutschen Gaults (Aptiens und Albiens). *pp. 72 : 8 pls. See* PALAEONTOLOGISCHE ABHANDLUNGEN. Geologische und Palaeontologische Abhandlungen, *&c.* Bd. XIV, hft. 3. 4⁰. 1911.

Stolley (E.) Ueber die Kreideformation und ihre Fossilien auf Spitzbergen. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLVII, no. 11. 4⁰. 1912.

Stolley (E.) Ueber einige Cephalopoden aus der unteren Kreide Patagoniens. *pp. 18 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 23. 8⁰. 1912.

STOLPE (MATS JOHAN) Om Siljanstraktens sandstenar. *pp. 12. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 62. 8⁰. 1884.

Stolpe (M. J.) Om orsakerna till Rullstensåsars uppkomst. *pp. 10. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 108. 8⁰. 1890.

Stolpe (M. J.) [For official publications in connection with the Survey] *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. A, a.

STOLTZ (J. L.) [—186-] Ampélographie Rhénane, ou description caractéristique . . . des Cépages les plus estimés et les plus cultivés dans la vallée du Rhin, depuis Bâle jusqu'à Coblence et dans plusieurs contrées viticoles de l'Allemagne méridionale, *&c.* *pp. xii, 264 : 32 pls. col.* 4⁰. *Paris & Mulhouse*, 1852.

STOLZ (JEAN CHRÉTIEN) [1764-1828] Flore des Plantes qui croissent dans les départemens du Haut et Bas-Rhin, formés par la ci-devant Alsace. *pp. viii, 61.* 8⁰. *Strasbourg*, 1802.

STOLZE (F.) & **Andreas** (F. C.) Die Handelsverhältnisse Persiens, *&c.* *pp. 86 : 1 map. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XVI, no. 77. 4⁰. 1885.

STONE (ANDREW JACKSON) [1859-] The Moose : where it lives and how it lives. *See* ROOSEVELT (T.) *& others.* The Deer Family. 8⁰. 1902.

STONE (GEORGE HAPGOOD) [1841-] The Glacial Gravels of Maine and their associated deposits. *pp. xiii, 499 : 35 pls., 17 maps col., text illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXXIV. 4⁰. 1899.

STONE (HERBERT) The Timbers of Commerce, and their identification. *pp. xxxviii, 311 : 23 pls.* 8⁰. *London, &c.*, 1904.

STONE (OCTAVIUS C.) A few months in New Guinea. *pp. xvii, 258 : 1 pl., 2 maps, text illust.* 8⁰. *London*, 1880.

STONE (RALPH WALTER) [1876-] Mineral Resources of the Elders Ridge quadrangle, Pennsylvania. *pp. 86 : 11 pls., 1 map geol. col., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 256. 8⁰. 1905.

Stone (R. W.) Coal Fields of the Kachemak Bay region. *See* UNITED STATES.—*Geological Survey.* Bulletin No. 277. Mineral Resources of Kenai peninsula, Alaska. 8⁰. 1906.

Stone (R. W.) Coal resources of the Russell Fork Basin in Kentucky and Virginia. *pp. 127 : 6 pls., 2 maps, text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 348. 8⁰. 1908.

Stone (R. W.) Coal near the Black Hills, Wyoming-South Dakota. *pp. 66 : 7 pls., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 499. 8⁰. 1912.

Stone (R. W.) & **Clapp** (F. G.) Oil and Gas Fields of Greene county, Pa. *pp. 110 : 2 pls., 1 map (col.), text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 304. 8⁰. 1907.

STONHAM (CHARLES) [1858-] The Birds of the British Islands. 5 Vol. *illust.* 4⁰. *London*, 1906-11.

STONHILL (W. JOHN) Paper Pulp from wood, straw and other fibres in the past and the present. *See* EDINBURGH.—*International Forestry Exhibition, 1884.* Forestry and Forest Products, *&c.* Essay XVII. 8⁰. 1885.

STONIER (GEORGE ALFRED) The Bengal Coal-fields, *&c. pp. 20 : 1 pl., 1 plan.* 8⁰. *London, &c.*, 1905.
Trans. Inst. Mining Engineers. Vol. XXVIII.

STONYHURST. A Preliminary Flora of the Stonyhurst district [by Rev. J. Gerard]. *pp. 12.* 8⁰. [ ] 1886.
Stonyhurst Mag. 1886.

—— [Another edition entitled :] Flora of the Stonyhurst district (second edition) [by Rev. J. Gerard]. *pp. 45.* 8⁰. *Clitheroe*, 1891.

STOPES (HENRY) [1852-1902] Indications of retrogression in pre-historic civilization in the Thames Valley, *&c. pp. 10 . 3 pls.* 8⁰. *Leeds*, 1890.

Stopes (H.) I. On the discovery of *Neritina fluviatilis* with a Pleistocene Fauna and Worked Flints in high terrace gravels of the Thames Valley.—II. Unclassified Worked Flints. 8⁰. [*London*, 1900-01.]
Journ. Anthrop. Inst. Vol. XXIX, pp. 302-3, and XXX, pp. 299-304, pls. XXX-XXXV.
The first paper contains matter that did not appear in the Journal.

STOPES afterwards **Gates** (MARIE CHARLOTTE CARMICHAEL) *Mrs.* A new Fern from the Coal Measures : *Tubicaulis Sutcliffii*, spec. nov. *pp. 34 : 3 pls., text illust. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs and Proceedings, *&c.* Vol. L, no. 10. 8⁰. 1906.

Stopes afterwards **Gates** (M. C. C.) *Mrs.* Ancient Plants, being a simple account of the past vegetation of the earth and of the recent important discoveries made in this realm of nature study. *pp. viii, 198 : 1 pl., text illust.* 8⁰. *London, &c.*, 1910.

Stopes afterwards **Gates** (M. C. C.) *Mrs.* & **Hewitt** (C. G.) On the tent-building habits of the Ant *Lasius niger*, Linn., in Japan. *pp. 6 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs and Proceedings, *&c.* Vol. LIII, no. 20. 8⁰. 1909.

Stopes afterwards **Gates** (M. C. C.) *Mrs.* & **Fujii** (K.) Studies on the structure and affinities of Cretaceous Plants. *pp. 90 : 9 pls., text illust.* 4⁰. [*London*, 1910.]
Phil. Trans. Roy. Soc. Lond. Ser. B, vol. CCI.

STOPPANI (ANTONIO) [1824-1891] Studii Geologici e Paleontologici sulla Lombardia . . . colla descrizione di alcune nuove specie di Pesci Fossili di Perledo e di altre località Lombarde studii di C. Bellotti. *pp. xx, 461, 1 tab. : 3 pls. (col.)* 8⁰. *Milano*, 1857.

Intorno agli Studi Geologici e Paleontologici sulla Lombardia del . . . A. Stoppani, *&c. See* VILLA (A.) 8⁰. 1858.

Stoppani (A.) Paléontologie Lombarde, ou description des fossiles de Lombardie publiée à l'aide de plusieurs savants, *&c.* 4 Séries. 4⁰. *Milan*, 1858-81.
Sér. I. Les pétrifications d'Ésino, ou description des fossiles appartenant au dépôt Triasique supérieur des environs d'Ésino en Lombardie (Sur le *Waldheimia Stoppanii* des pétrifications d'Ésino. Note . . . par E. Suess), *&c.* Par A. Stoppani. *pp. xi, 151 : 32 pls. (1 col.), 1 map geol. col.* 1858-60.
,, II. Mammifères fossiles de Lombardie, par É. Cornalia. *pp. 94 : 29 pls.* 1858-71.
,, III. Géologie et Paléontologie des couches à *Avicula contorta* en Lombardie (Vertébrés ; note de É. Cornalia), *&c.* Par A. Stoppani. *pp. 267, 1 tab. : 60 pls. (1 col.)* 1860-65.
,, IV. Monographie des fossiles du Calcaire Rouge Ammonitique (Lias supérieur) de Lombardie et de l'Apennin central, par J. Meneghini (Appendice). *pp. 242 (56) : 32 pls. (7 pls.)* 1867-81.
There are two plates numbered "XII."

Stoppani (A.) Corso di Geologie. 3 Vol. *illust.* 8⁰. *Milano*, 1871-73.

—— Terza edizione, con note ed aggiunte per cura di A. Malladra. 3 Vol. *illust.* 8⁰. *Milano*, 1899-1904.

Stoppani (A.) [La purezza del Mare e dell' Atmosfera fin dai primordi del mondo animato, *&c.* 8⁰. *Milano & Napoli*, 1875.]
Wanting.

—— [Another edition entitled :] Acqua ed Aria, ossia la purezza del Mare et dell' Atmosfera fin dai primordi del mondo animato . . . Terza edizione, per cura di A. Malladra. *pp. xix, 561 : 1 pl., 3 maps, text illust.* 8⁰. *Milano*, 1898.

Stoppani (A.) Che cosa è un Vulcano? *pp. 113.* 8⁰. *Firenze*, 1886.
Piccola Bibl. Popolo Italiano. Tom. XVII.

Stoppani (A.) & **others.** Geologia d' Italia, *&c.* 3 Pt. 4⁰. *Milano, &c.* [1874-] 1883.
Pt. I. Descrizione dei terreni componenti il suolo d'Italia, scritta da G. Negri. *pp. 206 : text illust.* [1874.]
,, II. L' Era Neozoica, per A. Stoppani. *pp. 367 : 22 pls., 2 maps col., text illust.* [1878.]
,, III. Vulcani e fenomeni Vulcanici, per G. Mercalli. *pp. 374 : 13 pls., text illust.* 1883.
Forming a section of "L' Italia."

STORCH (FRANZ) Conspectus Avium Salisburgensium systematicus, *&c. pp. 24.* 8⁰. *Patavii*, 1839.

Storch (F.) Skizzen zu einer naturhistorischen Topographie des Herzogthumes Salzburg. Herausgegeben von F. Storch. Erster Band : Flora von Salzburg, *&c. pp. vi, 243 : 3 ports.* 8⁰. *Salzburg*, 1857.
Abth. I. Geschichte der botanischen Forschungen in Salzburg. Bearbeitet von H. Reitzenbeck.
,, II. Systematische Uebersicht der Familien, Gattungen und Arten der Flora von Salzburg. Entworfen von F. Storch.
,, III. Die Vegetationsverhältnisse des Kronlandes Salzburg. Geschildert von A. E. Sauter.
Anhang. Hilfsmittel zum Studium der Pflanzenkunde, botanische Vereine, Pflanzensammlungen und Literatur zur Flora von Salzburg.

STORCK (ANTHONY) *See* STOERCK (ANTON VON).

STORER (DAVID HUMPHREYS) [1804-1891] Reports on the Ichthyology and Herpetology of Massachusetts. *See* MASSACHUSETTS, *State of.—Zoological and Botanical Survey.* Reports on the Fishes, *&c.* 8⁰. 1839.

Storer (D. H.) A Synopsis of the Fishes of North America. *pp. 298.* 4⁰. *Cambridge* [*Mass.*], 1846.
Mem. Amer. Acad. Boston. Vol. II.

STORER (James Sargant) [1795–1837] Arbor Pocockiana, imagine accuratissima ære expressa. Ficus arbor, ex Syria olim regione a . . . E. Pocockio, circiter 170 abhinc annis, prima quidem sui generis, in Britanniam advecta, hodieque in horto Prof. Ling. Heb. apud Oxoniensis, virens et fructuosa. s.sh. 1806.
Copper-plate engraving, 11 in. × 8¼ in.

STORER (John) The Wild White Cattle of Great Britain. An account of their origin, history and present state. By . . . J. Storer . . . edited by his son J. Storer. *pp. xx, 384 : 8 pls., text illust.* 8⁰. *London, &c.* [1879.]

STORM (Vilhelm J.)
Entomologiske Undersøgelser. *pp. 19.*
Iagttagelser over Arachnider i Throndhjems omegn. *pp. 10.*
Myriopoda & Oniscoida ved Throndhjem. *pp. 6.*
See Drontheim.—kongeligt norske videnskabers-selskab. Det . . . Skrifter, *&c.* 1898, no. 5, 7 & 8. 8⁰. 1898 (1899).

Storm (V. J.) Supplerende iagttagelser over Insecta Diptera ved Trondhjem. *pp. 11. See* Drontheim.—kongeligt norske videnskabers-selskab. Det . . . Skrifter. 1907, no. 5. 8⁰. 1907 (1908).

STORMONTH (James) [1825–1882] A Manual of Scientific Terms: pronouncing, etymological, & explanatory . . . with an appendix of specific names, *&c. pp. xi, 488.* 8⁰. *Edinburgh*, 1879.
The main portion of the work is printed in double column.

STORR (Gottlieb Conrad Christian) [1749–1821] Dissertatio inauguralis . . . de Semine Sinapis . . . præside G. C. C. Storr, *&c. See* Zahn (J. G.) 4⁰. [1780.]

Storr (G. C. C.) Prodromus methodi Mammalium . . . inauguralem disputationem propositus, præside G. C. C. Storr . . . respondente F. Wolffer. *pp. 43, 4 tabs.* 4⁰. *Tubingæ* [1780].

Storr (G. C. C.) G. C. C. Storr Museum Physiognosticum, methodo, cujus per partes singulas ratio redditur, digestum descriptumque. Partis i. Oreognosticæ. Liber i. Methodologicus.† *pp. xxvi, 222* [*2*]. 4⁰. *Stuttgartiæ*, 1807.
Also issued in 1808 under the title 'Idea methodi Fossilium.'

STORRIE (John) The Flora of Cardiff . . . With a list of the other British and exotic species, found on Cardiff Ballast Hills. *pp. v, 129.* 8⁰. *Cardiff*, 1886.

STORY (William) Essay upon the Agriculture of Victoria, with reference to its Climate advantages, and the Geological and Chemical character of its Soils, *&c. See* Victoria, *Australia.* The Victorian Government Prize Essays, 1860. 8⁰. 1861.

STORY-MASKELYNE (Mervin Herbert Nevil) *See* Maskelyne.

STOSSICH (Michele)
Sopra alcuni Nematodi. *pp. 4 : 1 pl.*
Una nuova specie del genere *Plagiorchis*, Lühe. *pp. 2, 1 tab. : 1 text illust.*
Alcuni Distomi della collezione Elmintologica del Museo Zoologico di Napoli. *pp. 14 : 1 pl.*
See Naples.—regia università degli studi. Annuario del Museo Zoologico della R. Università, *&c.* (Nuova Serie,) Vol. i, no. 15, 16 & 23. 4⁰. 1904.

STOTT (Clement H.) A Primer of South African Geology. *pp. xv, 46 : 1 map geol. col., text illust.* 8⁰. *Pietermaritzburg*, 1909.

STOW (George William) [1822–1882] Geological Notes upon Griqualand West, *&c.* 8⁰. [*London*, 1873.]
Quart. Journ. Geol. Soc. Vol. xxx, *pp. 581–630 : pls. xxxv–xxxix.*

Stow (G. W.) Obituary notice, *&c. See* Jones (T. Rupert) 8⁰. 1883.

STOW (J. P.) South Australia : its history, productions, and natural resources, *&c. See* Calcutta.—*International Exhibition, 1883.* 8⁰. 1883.

STOWELL (Charles Henry) [1850–] *See* Microscope, *The.* An illustrated . . . journal. Edited by C. H. Stowell, *&c.* Vol. i—vi, no. 7. 8⁰. 1881–86.

STOWELL (Louisa Reed) *Mrs.* [1850–] *See* Microscope, *The.* An illustrated . . . journal. Edited by . . . L. R. Stowell, *&c.* Vol. i—vi, no. 7. 8⁰. 1881–86.

STRABO [b.c. 54–a.d. 24] Botanische Erläuterungen zu Strabons Geographie und einem Fragment des Dikäarchos, *&c. See* Meyer (E. H. F.) 8⁰. 1852.

STRABO (Walafridus) [–849] Strabi Galli . . . Hortulus. *See* Macer (Æ.) A. Macer de Herbarum virtutibus, *&c.* 8⁰. (1530.)

Strabo (W.) W. Strabonis ad Grimaldum Cœnobii S. Galli abbatem Hortulus. *See* Macer (Æ.) Macer Floridus de Viribus Herbarum, *&c.* 8⁰. 1832.

Strabo (W.) W. Strabi Hortulus. Carmen ad Cod. MS. veterumque editionum fidem recensitum, lectionis varietate notisque instructum. Accedunt analecta ad antiquitates Floræ Germanicæ et capita aliquot Macri nondum edita. Auctore F. A. Reuss. *pp. 105.* 8⁰. *Wirceburgi*, 1834.

STRACHEY (*Sir* Richard) *G.C.S.I.* [1817–1908] Catalogue of Plants found [by Sir R. Strachey and J. E. Winterbottom] in Kumaon and Garhwal and the adjoining parts of Tibet. [By Sir R. Strachey.] *See* Kumaon. 4⁰. [1852.]
Subsequently revised by J. F. Duthie and printed in the "Gazetteer of the North Western Provinces," Vol. x, 1882 [*q.v.*].

Strachey (*Sir* R.) *G.C.S.I.* Palæontology of Niti in the Northern Himalaya : being descriptions . . . of . . . Fossils collected by R. Strachey, *&c. See* Salter (J. W.) & Blanford (H. F.) 8⁰. 1865.

Strachey (*Sir* R.) *G.C.S.I.* Catalogue of the Plants of Kumaon and of the adjacent portions of Garhwal and Tibet, based on the collections made by Strachey and Winterbottom during . . . 1846 to 1849 and on the Catalogue . . . prepared in 1852 by Lt.-Genl. Sir R. Strachey . . . revised and supplemented by J. F. Duthie. *pp. vii, 269.* 8⁰. *London*, 1906.

STRACHEY (William) [fl. 1609–1618] The Historie of Travaile into Virginia Britannia, *&c. See* Hakluyt Society. Works, *&c.* No. 6. 8⁰. 1849.

STRAFFORELLO (Ildefonso) [1823–1899] & **Ardissone** (F.) Enumerazione delle Alghe di Liguria. *See* Ardissone (F.) & Strafforello (I.) 4⁰. 1877.

STRAHAN (Aubrey) [1852–] The Geology of the Carboniferous Limestone, Yoredale Rocks, and Millstone Grit of North Derbyshire . . . 2nd edition, with additions by . . . A. Strahan. *See* Great Britain & Ireland. — *Geological Survey : England & Wales.* [*Topographical Memoirs.*] 8⁰. 1887.

Strahan (A.) The Geology of the Isle of Wight . . . Second edition . . . enlarged, by C. Reid . . . and A. Strahan. *See* Great Britain & Ireland.—*Geological Survey : England and Wales.* [*Topographical Memoirs.*] 8⁰. 1889.

Strahan (A.) The Geology of the Isle of Purbeck and Weymouth. *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] 8⁰. 1898.

Strahan (A.) The country around Newport, Monmouthshire, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. I. 8⁰. 1899.

—— Second edition. 8⁰. 1909.

Strahan (A.) West Gower and the country around Pembrey, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. IX. 8⁰. 1907.

Strahan (A.) [For official publications in connection with Memoirs illustrating the Map, and as Director] *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.*

Strahan (A.) & **Cantrill** (T. C.) The country around Cardiff, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. III. 8⁰. 1902.

Strahan (A.) & **Cantrill** (T. C.) The country around Bridgend, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. VI. 8⁰. 1904.

Strahan (A.) & **Gibson** (W.) The country around Abergavenny . . . with notes by J. R. Dakyns . . . and W. W. Watts, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. II. 8⁰. 1900.

Strahan (A.) & **others.** The country around Pontypridd and Maes-têg, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. IV. 8⁰. 1903.

Strahan (A.) & **others.** The country around Merthyr Tydfil, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. V. 8⁰. 1904.

Strahan (A.) & **others.** The country around Ammanford, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. VII. 8⁰. 1907.

Strahan (A.) & **others.** The country around Swansea, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. VIII. 8⁰. 1907.

Strahan (A.) & **others.** The country around Carmarthen, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-field. Pt. X. 8⁰. 1909.

STRAHL (HANS) Studien über Entwickelungsgeschichte der Thiere. Von . . . E. Selenka . . . fortgeführt von . . . H. Strahl, *&c.* Hft. 11→ *See* SELENKA (E.) 4⁰. 1903→

Strahl (H.) Menschenaffen (Anthropomorphæ). Studien über Entwickelung und Schädelbau . . . Primaten - Placenten. *See* SELENKA (E.) Studien über Entwickelungsgeschichte der Thiere, *&c.* Hft. 12. 4⁰. 1903.

Strahl (H.) Der uterus puerperalis von *Erinaceus europæus*, L. *pp. 22 : 3 pls.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Deel XIII, no. 5. 8⁰. 1907.

Strahl (H.) & **Happe** (H.) Menschenaffen (Anthropomorphæ). Studien über Entwickelung und Schädelbau . . . Ueber die Placenta der Schwanzaffen. *See* SELENKA (E.) Studien über Entwickelungsgeschichte der Thiere, *&c.* Hft. 13. 4⁰. 1905.

STRAITS BRANCH OF THE ROYAL ASIATIC SOCIETY.
See ROYAL ASIATIC SOCIETY: *Straits Branch.*

STRAITS SETTLEMENTS.—BOTANIC GARDENS AND FOREST DEPARTMENT.
Annual Report . . . 1889→ fol. *Singapore*, 1890→
Prior to 1889 the reports of the two branches of this Department were issued separately.

Straits Settlements.—BOTANIC GARDENS AND FOREST DEPARTMENT.
Agricultural Bulletin of the Malay Peninsula. [Edited by H. N. Ridley.] No. 1–9. *illust.* 8⁰. *Singapore*, 1891–1900.
Wanting No. 1 & 5.
[*Continued as :*]
Agricultural Bulletin of the Straits and Federated Malay States. Edited by H. N. Ridley ([and afterwards] J. B. Carruthers). (New Series,) Vol. I–X. 8⁰. *Singapore*, 1901–11.
Wanting Vol. I, pt. 9 & II, pt. 7.
[*Continued as :*]
—— Third Series, *&c.* Vol. I, no. 1–5.† 8⁰. *Singapore*, 1912.
Vol. I, no. 1, consists of the "Index of Bulletins, from 1891 to 1911 inclusive."

Straits Settlements.—BOTANIC GARDENS AND FOREST DEPARTMENT.
Index of Plants, 1912. [Compiled by J. W. Anderson.] *pp.* [*i,*] *152.* 8⁰. *Singapore*, 1912.

Straits Settlements.—BOTANIC GARDENS AND FOREST DEPARTMENT.
First Annual Report on experimental Tapping of Para Rubber (*Hevea Braziliensis*), at the Economic Gardens, Singapore, for the year 1904, by H. N. Ridley . . . and R. Derry, *&c.* *pp.* [*ii,*] *20.* 8⁰. *Singapore*, 1905.

STRAITS SETTLEMENTS.—FORESTS DEPARTMENTS.
Annual Reports on the Forests Departments, Singapore, Penang and Malacca, for . . . 1888. *pp. 22.* fol. *Singapore*, 1889.
The subsequent reports were issued by the "Botanic Gardens and Forest Department" [*q. v.*].

STRAŇÁK (FR.) Studie o temnostni Floře jeskyň Sloupských. [Studies on the subterranean Flora of the Slauper Cavern.] *pp. 41 : text illust.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1907, no. 12. 8⁰. 1908.

STRAND (BENEDICTUS JOHANNES) Flora Palæstina quam . . . publice examinandam sistit B. J. Strand, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1756.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates, *&c.* Vol. IV, no. 69. 8⁰. 1759.

—— —— Editio secunda, *&c.* 8⁰. 1788.

STRAND (Embrik) Araneæ Hallingdaliæ, *&c. pp. 68.* *See* Archiv for Mathematik og Naturvidenskab. Bd. xxi, no. 6. 8⁰. 1899.

Strand (E.)
Om nogle Staphylinider og Phytophage Hymenoptera. *pp. 15.*
Lepidopterologiske undersøgelser særligt i Nordlands amt. *pp. 62.*
See Archiv for Mathematik og Naturvidenskab. Bd. xxii, no. 3 & 5. 8⁰. 1900.

Strand (E.) Zur Kenntniss der Arachniden Norwegens. *pp. 46. See* Drontheim.—kongeligt norske videnskabers-selskab. Det . . . Skrifter. 1900, no. 2. 8⁰. 1900 (1901).

Strand (E.) Orthoptera og Hymenoptera samlede i 1900. *pp. 7. See* Archiv for Mathematik og Naturvidenskab. Bd. xxiii, no. 6. 8⁰. 1901.

Strand (E.) Theridiiden aus dem nördlichen Norwegen. *pp. 66 : text illust. See* Archiv for Mathematik og Naturvidenskab. Bd. xxiv, no. 2. 8⁰. 1901.

Strand (E.) *Depressaria arctica*, Strand, n. sp. *pp. 4. See* Archiv for Mathematik og Naturvidenskab. Bd. xxiv, no. 7. 8⁰. 1902.

Strand (E.)
Faunistiske Notiser om Staphylinider, Cassidiner og Coccinellider. *pp. 10.*
Bemerkungen über einige Norwegische Tephroclystien und Tineinen. *pp. 6.*
See Drontheim.—kongeligt norske videnskabers-selskab. Det . . . Skrifter. 1901, no. 7 & 8. 8⁰. 1902.

Strand (E.) Theridiiden aus dem westlichen Norwegen. *pp. 23 : text illust. See* Bergen.—bergens museum. Bergens Museums Aarbog. 1902, no. 6. 8⁰. 1902.

Strand (E.) Neue Norwegische Schmetterlingsformen. *pp. 24. See* Archiv for Mathematik og Naturvidenskab, *&c.* Bd. xxv, no. 9. 8⁰. 1903.

Strand (E.) Theridiiden und Argiopiden, gesammelt von . . . H. Seebohm in Krasnojarsk (Sibirien), 1878. *pp. 8. See* Bergen.—bergens museum. Bergens Museums Aarbog. 1903, no. 10. 8⁰. 1903.

Strand (E.)
Norske fund av Rhynchophorer. *pp. 14.*
Norske lokaliteter for Diptera. *pp. 11.*
Hymenopterologisk bidrag til Norges fauna. *pp. 8.*
See Christiania.—videnskabs-selskabet. Forhandlinger, *&c.* Aar 1903, no. 2, 3 & 8. 8⁰. 1903 (1904).

Strand (E.) Mindre meddelelser vedrørende Norges Coleopterfauna. *pp. 31. See* Archiv for Mathematik og Naturvidenskab. Bd. xxvi, no. 3. 8⁰. 1904.

Strand (E.) Theridiidæ, Argiopidæ und Mimetidæ aus der Collett'schen Spinnensammlung. *pp. 9. See* Drontheim. — kongeligt norske videnskabers-selskab. Det . . . Skrifter. 1903, no. 7. 8⁰. 1904.

Strand (E.) Die Dictyniden, Dysderiden, Drassiden, Clubioniden und Agaleniden der Collett'schen Spinnensammlung. *pp. 16. See* Christiania.—videnskabs-selskabet. Forhandlinger, *&c.* Aar 1904, no. 5. 8⁰. 1904 (1905).

Strand (E.) Bidrag til det sydlige Norges Hemipterfauna. *pp. 9. See* Archiv for Mathematik og Naturvidenskab, *&c.* Bd. xxviii, no. 3. 8⁰. 1905.

Strand (E.) Die arktischen Araneæ, Opiliones und Chernetes. *See* Roemer (F.) & Schaudinn (F.) Fauna Arctica, *&c.* Bd. iv, lief. 3. 4⁰. 1906.

Strand (E.) Nordafrikanische, hauptsächlich von C. Freiherr v. Erlanger gesammelte Clubioniden. *pp. 68 [2]. See* Archiv for Mathematik og Naturvidenskab, *&c.* Bd. xxix, no. 2. 8⁰. 1908.

Strand (E.) Spinnentiere aus Neuguinea (Opiliones, Psechridæ und Clubionidæ) gesammelt von Dr. Schlaginhaufen, *&c. pp. 16. See* Dresden. — koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen und Berichte, *&c.* Bd. xiii, no. 5. 4⁰. 1910 [1911].

STRANDMAN (Petrus) [Purgantia Indigena, quæ, præside . . C. v. Linné, proposuit P. Strandman, *&c.* 4⁰. (1766.)]
Wanting.

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. vii, no. 141. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

—— [Another edition.] *See* Linnæus (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum pars prima . . . curante J. E. Gilibert. Tom. ii. 8⁰. 1786.

STRANGE (John) [1732–1799] Lettera sopra l'origine della Carta naturale di Cortona, corredata di varie altre osservazioni relative agli usi, e prerogative della *Conferva Plinii* e di altre Piante congeneri. *pp. 107.* 8⁰. *Pisa*, 1764.

Strange (J.) Lettera del . . . G. Strange . . . contenente la descrizione di alcune Spugne assai curiose dei lidi del Mare Mediterraneo in Italia, inserita nelle Transazioni Filosofiche . . . 1770. *See* Olivi (G.) Zoologia Adriatica, *&c.* 4⁰. 1792.

STRANGWAYS (Charles Edward Fox) [1844–1910] Geology . . . of the district around Leicester, *&c. See* Nuttall (C. G.) *Mrs.* A Guide to Leicester and district. Prepared for the British Association . . . 1907 meeting, *&c.* 12⁰. [1907.]

Strangways (C. E. F.) [For official publications in connection with Memoirs illustrating the Map] *See* Great Britain & Ireland.—*Geological Survey : England & Wales.*

Strangways (C. E. F.) & **others.** The Geology of the Yorkshire Coalfield, *&c. See* Great Britain & Ireland.—*Geological Survey : England & Wales.* [*Topographical Memoirs.*] 8⁰. 1878.

STRASBURG. Prodromus Floræ Argentoratensis [by J. R. Spielmann], *&c. pp. 154 [10].* 8⁰. *Argentorati*, 1766.

STRASBURG. *–Botanic Garden.*
[Founded 1619. It was originally attached to the *Academia Argentinensis*, and subsequently to the *Faculté de Médecine*. It is now under the *Kaiser-Wilhelms-Universität*.
For publications relating to this Garden, *See* under these several headings.]

STRASBURG.—Academia Argentinensis.
[Founded 1567. Its modern representative is the *Kaiser-Wilhelms-Universität* (*q.v.*)]
Catalogus Plantarum Horti Academici, *&c. See* Mappus (M.) 8⁰. 1691.

STRASBURG.—École Spéciale de Médecine.
See infra, Faculté de Médecine.

STRASBURG.—Faculté de Médecine.
Catalogue méthodique des Plantes du Jardin de l'École de Médecine, *&c. See* Villars (D.) 8⁰. 1807.

Strasburg.—Faculté de Médecine.
Catalogue méthodique des Plantes du Jardin Botanique de la Faculté, *&c.* [Compiled by A. L. A. Fée.] *pp. xvi, 138.* 4⁰. *Strasbourg*, 1836.

Strasburg.—Faculté de Médecine.
Discours . . . Histoire du Jardin Botanique de Strasbourg. *See* FÉE (A. L. A.) 8⁰. 1836.

STRASBURG.—Kaiser-Wilhelms-Universitaet.
[Founded 1872.]
Beiträge zur Geophysik. Abhandlungen aus dem Geographischen Seminar der Universität . . . Herausgegeben von . . . G. Gerland. Bd. I.† 8⁰. *Stuttgart*, 1887.

Strasburg.—Kaiser-Wilhelms-Universitaet.
Hymenopteren-Studien . . . aus der Sammlung des Zoologischen Instituts der . . . Universität, *&c.* *See* SCHULZ (W. A.) 8⁰. 1905.

STRASBURG.—Naturwissenschaftlicher Verein von Elsass-Lothringen.
Jahresbericht . . . und Annales de la Société Botanique Vogéso-Rhénane. 1884–85.†
8⁰. *Strassburg & Barr*, 1885–86.

STRASBURG.—Société Botanique Vogéso-Rhénane.
Annales, *&c.* 1884–85. *See* supra, NATURWISSENSCHAFTLICHER VEREIN VON ELSASS-LOTHRINGEN. Jahresbericht, *&c.* 8⁰. 1885–86.

STRASBURG.—Société d'Histoire Naturelle.
See NANCY.—SOCIÉTÉ DES SCIENCES.

STRASBURG.—Société des Sciences, Agriculture et Arts de la Basse-Alsace.
[1802 Founded as *Société des Sciences, Agriculture et Arts de Strasbourg* by the amalgamation of three pre-existing societies.]
1824 *Société des Sciences, Agriculture et Arts du Département du Bas-Rhin.*
1872 *Société des Sciences, Agriculture et Arts de la Basse-Alsace.*]
Mémoires, *&c.* Tom. I & II. 8⁰. *Strasbourg*, 1811, 23.
[*Continued as :*]
Journal, *&c.* Tom. I–V. 8⁰. *Strasbourg*, 1824–28.
[*Continued as :*]
Nouveaux Mémoires, *&c.* Tom. I–III.
8⁰. *Strasbourg*, 1832–42.
[*Continued as :*]
Bulletin Agricole, *&c.* Ann. 1844 [–57].
8⁰. *Strasbourg* [1844–57 ?].
Wanting Ann. 1843.
[*Continued as :*]
Nouveaux Mémoires, *&c.* Tom. I–IV.
8⁰. *Strasbourg*, 1859–70.
[*Continued as :*]
Bulletin trimestriel, *&c.* Tom. V, 2 pt.
8⁰. *Strasbourg*, 1870.
[*Continued as :*]
Bulletin, *&c.* Tom. VI–IX. 8⁰. *Strasbourg*, 1873–76.
[*Continued as :*]
Bulletin trimestriel, *&c.* Tom. X–XV.
8⁰. *Strasbourg*, 1876–82.

STRASBURG.—Société des Sciences Naturelles.
See NANCY.—SOCIÉTÉ DES SCIENCES.

STRASBURG.—Société du Muséum d'Histoire Naturelle.
See NANCY.—SOCIÉTÉ DES SCIENCES.

STRASBURGER (EDUARD) [1844–1912] Die Befruchtung bei den Farrnkräutern. *pp. 14 : 1 pl.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XII, no. 3.
4⁰. 1868.

Strasburger (E.) Die Befruchtung bei den Coniferen. *pp. 22 : 3 pls.* 4⁰. *Jena*, 1869.

Strasburger (E.) Die Coniferen und die Gnetaceen. Eine morphologische Studie. *pp. ix, 442 : 1 pl.*, & Atlas, [*pp. 14 :*] *26 pls.* 8⁰. & 4⁰. *Jena*, 1872.

Strasburger (E.) Ueber *Azolla.* *pp. 86 : 7 pls.*
8⁰. *Jena*, 1873.

Strasburger (E.) Ueber die Bedeutung phylogenetischer Methoden für die Erforschung lebender Wesen, *&c.* *pp. 30.* 8⁰. *Jena*, 1874.

Strasburger (E.) [Zellbildung und Zelltheilung.
8⁰. *Jena*, 1876.]
Wanting.

—— Dritte . . . Auflage, *&c.* *pp. xii, 392 : 14 pls.*
8⁰. *Jena*, 1880.

Strasburger (E.) Ueber Befruchtung und Zelltheilung.
8⁰. [*Jena*, 1877.]
Jenaische Zeitschr. Naturw. Bd. XI, *pp. 435–536 : pls. xxvii–xxxv.*

Strasburger (E.) Die Angiospermen und die Gymnospermen. *pp. viii, 173 : 22 pls.* 8⁰. & 4⁰. *Jena*, 1879.

Strasburger (E.) Ueber den Bau und das Wachsthum der Zellhäute, *&c.* *pp. xv, 264 : 8 pls.* 8⁰. *Jena*, 1882.

Strasburger (E.) Ueber den Theilungsvorgang der Zellkerne und das Verhältniss der Kerntheilung zur Zelltheilung. *pp. iv, 115 : 3 pls.* 8⁰. *Bonn*, 1882.

Strasburger (E.) Das botanische Practicum. Anleitung zum Selbstudium der mikroskopischen Botanik, *&c.* *pp. xxxvi, 664 : text illust.* 8⁰. *Jena*, 1884.

—— Zweite . . . Auflage. *pp. xxxvi, 685 : text illust.*
8⁰. *Jena*, 1887.

—— Dritte . . . Auflage. *pp. xlviii, 739 : text illust.*
8⁰. *Jena*, 1897.

—— Vierte . . . Auflage. *pp. l, 771 : text illust.*
8⁰. *Jena*, 1902.

Strasburger (E.) Handbook of Practical Botany . . . edited from the German by W. Hillhouse . . . Revised by the author, and with many additional notes by author and editor. *pp. xxiv, 425 : text illust.*
8⁰. *London*, 1887.

Strasburger (E.) Manuel technique d'Anatomie Végétale : guide pour l'étude de la Botanique microscopique . . . traduit de l'Allemand par J. Godfrin. *pp. viii, 405 . text illust.* 8⁰. *Paris*, 1886.

Strasburger (E.) Die Controversen der indirecten Kerntheilung. *pp. 62 : 2 pls.* 8⁰. *Bonn*, 1884.
Arch. Mikro. Anat. Bd. XXIII.

Strasburger (E.) Das kleine Botanische Practicum für Anfänger. Anleitung zum . . . Einführung in die mikroskopische Technik, *&c.* *pp. viii, 285 : text illust.*
8⁰. *Jena*, 1884.

—— Zweite . . . Auflage. *pp. viii, 228 : text illust.*
8⁰. *Jena*, 1893.

—— Dritte . . . Auflage. *pp. viii, 246 : text illust.*
8⁰. *Jena*, 1897.

—— Vierte . . . Auflage. *pp. viii, 251 . text illust.*
8⁰. *Jena*, 1902.

Strasburger (E.) Neue Untersuchungen über den Befruchtungsvorgang bei den Phanerogamen als Grundlage für eine Theorie der Zeugung, *&c.* *pp. xi, 176 : 2 pls.* 8⁰. *Jena*, 1884.

Strasburger (E.) Histologische Beiträge. Hft. I–VII.† 8⁰. *Jena*, 1888–1909.

Hft. I. Ueber Kern- und Zelltheilung im Pflanzenreiche, nebst einem Anhang über Befruchtung. *pp. xviii, 258 : 3 pls.* 1888.
,, II. Ueber das Wachsthum vegetabilischer Zellhäute. *pp. xiv, 186 : 4 pls.* 1889.
,, III. Ueber den Bau und die Verrichtungen der Leitungsbahnen in den Pflanzen. *pp. xxxii, 1000 : 5 pls., text illust.* 1891.
,, IV. Ueber das Verhalten des Pollens und die Befruchtungsvorgänge bei den Gymnospermen. — Schwärmsporen, Gameten, pflanzliche Spermatozoiden und das Wesen der Befruchtung. *pp. x, 158 : 3 pls.* 1892.
,, V. Ueber das Saftsteigen. — Ueber die Wirkungssphäre der Kerne und die Zellgrösse. *pp. viii, 124.* 1893.
,, VI. Ueber Reduktionstheilung, Spindelbildung, Centrosomen und Cilienbildner im Pflanzenreich. *pp. xx, 224 : 4 pls.* 1900 [*i.e.* 1899].
,, VII. Zeitpunkt der Bestimmung des Geschlechts, Apogamie, Parthenogenesis und Reduktionsteilung. *pp. xvi, 124 : 2 pls.* 1909.

Strasburger (E.) *See* JAHRBUECHER FUER WISSENSCHAFTLICHE BOTANIK . . . Herausgegeben von . . . E. Strasburger. Bd. XXVII–L. 8⁰. 1895–1912.

Strasburger (E.) [Streifzüge an der Riviera. 8⁰. *Berlin*, 1895.]

Wanting. A second edition appeared in 1904.

Rambles on the Riviera . . . Translated from the German by O. and B. Comerford Casey, *&c.* *pp. xxiii, 144 : text illust. col.* 8⁰. *London*, 1906.

Strasburger (E.) Anlage des Embryosackes und Prothalliumbildung bei der Eibe nebst anschliessenden Erörterungen. *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. XI. 4⁰. 1904.

Strasburger (E.) & **others.** Lehrbuch der Botanik für Hochschulen. Von . . . E. Strasburger . . . F. Noll . . . H. Schenck . . . A. F. W. Schimper. *pp. vi, 558 : text illust.* 8⁰. *Jena*, 1894.

—— Dritte . . . Auflage. *pp. viii, 570 : text illust. (col.)* 8⁰. *Jena*, 1898.

—— Vierte . . . Auflage. *pp. viii, 588 : text illust. (col.)* 8⁰. *Jena*, 1900.

Strasburger (E.) & **others.** A Text-book of Botany, by . . . E. Strasburger . . . F. Noll . . . H. Schenk . . . A. F. W. Schimper. Translated from the German by H. C. Porter, *&c.* *pp. ix, 632 : text illust. (col.)* 8⁰. *London & New York*, 1898.

STRASBURGIUS (JOHANNES GEORGIUS) [1620–1681] Dissertatio medica de Theriaca ejusque ingredientibus quam . . . sub præsidio . . . J. G. Strasburgii . . . subjicit J. Schönerus, *&c.* *pp. 16.* 4⁰. *Regiomonti* [1655].

STRASSBURG. *See* STRASBURG.

STRASSEN (OTTO L. ZUR) Geschichte der T-Riesen von *Ascaris megalocephala.* *pp. 342 : 5 pls. col., text illust.* *See* ZOOLOGICA, *&c.* Bd. XVI, hft. 40. 4⁰. (1903–) 1906.

Strassen (O. L. ZUR) *Anthraconema*, eine neue Gattung freilebender Nematoden. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰. 1904.

STRASSER (HANS) Zur Lehre von der Ortsbewegung der Fische durch Biegungen des Leibes und der unpaaren Flossen, mit Berücksichtigung verwandter Locomotionsformen. *pp. vi, 124 : text illust.* 8⁰. *Stuttgart*, 1882.

STRATTON (FREDERIC) Wild Flowers of the Isle of Wight. *pp. 20 : 1 map (col.)* obl. 12⁰. *Newport [I. W.], &c.*, 1900.

Stratton (F.) Flowering Plants and Ferns and their allies [of the Isle of Wight]. *See* MOREY (F.) A Guide to the Natural History of the Isle of Wight, *&c.* 8⁰. 1909.

STRAUCH (ALEXANDER) [1832–1893] De loco Monotrematibus in systemate zoologico assignando et de Ornithorhynchi anatini, Shaw, calcari. Dissertatio inauguralis, *&c.* *pp. 98 : 1 pl.* 8⁰. *Dorpati Livonorum*, 1859.

Strauch (A.) Catalogue systématique de tous les Coléoptères décrits dans les Annales de la Société Entomologique de France depuis 1832 jusqu'à 1859. *pp. iv, 159.* 8⁰. *Halle*, 1861.

Strauch (A.) Essai d'une Erpétologie de l'Algérie. *pp. 85.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. IV, no. 7. 4⁰. 1862.

Strauch (A.) Chelonologische Studien, mit besonderer Beziehung auf die Schildkrötensammlung der Kaiserlichen Akademie der Wissenschaften zu St.-Petersburg. *pp. 196 : 1 pl. col.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. V, no. 7. 4⁰. 1862.

Strauch (A.) Die Vertheilung der Schildkröten über den Erdball, *&c.* *pp. 207.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. VIII, no. 13. 4⁰. 1865.

Strauch (A.) Synopsis der gegenwärtig lebenden Crocodiliden, *&c.* *pp. 120 : 1 pl., 2 maps col.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. X, no. 13. 4⁰. 1866.

Strauch (A.) Synopsis der Viperiden, nebst Bemerkungen über die geographische Verbreitung dieser Giftschlangen-Familie. *pp. 144 : 2 pls.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XIV, no. 6. 4⁰. 1869.

Strauch (A.) Revision der Salamandriden-Gattungen, nebst Beschreibung einiger neuen oder weniger bekannten Arten dieser Familie. *pp. 109 : 2 pls.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XVI, no. 4. 4⁰. 1870.

Strauch (A.) Die Schlangen des Russischen Reichs, in systematischer und zoogeographischer Beziehung geschildert. *pp. 287 : 6 pls.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXI, no. 4. 4⁰. 1873.

Strauch (A.) Bemerkungen über die Geckoniden-Sammlung im Zoologischen Museum der Kaiserlichen Akademie der Wissenschaften zu St. Petersburg. *pp. 72, ii : 1 pl.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXXV, no. 2. 4⁰. 1887.

Strauch (A.) Bemerkungen über die Schildkrötensammlung im Zoologischen Museum der K. Akademie der Wissenschaften zu St. Petersburg. *pp. 127 : 4 pls.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXXVIII, no. 2. 4⁰. 1890.

STRAUS-DURCKHEIM (HERCULE) [1790–1865] Considérations générales sur l'anatomie comparée des Animaux Articulés, auxquelles on a joint l'anatomie descriptive du *Melolontha vulgaris* (Hanneton), donnée comme exemple de l'organisation des Coléoptères. *pp. xix, 434 [i,] 36 : 10 pls. with lettered duplicates.* 4⁰. *Paris, &c.*, 1828.

Straus-Durckheim (H.) Anatomie descriptive et comparative du Chat, type des Mammifères en général et des Carnivores en particulier. 2 Tom. & Atlas 4⁰. & fol. *Paris*, 1845.

Straus-Durckheim (H.) The bones, ligaments, and muscles of the domestic Cat . . . The plates accompanying the text are copies . . . from the . . . plates in H. Straus-Durckheim's "Anatomie descriptive et comparative du Chat," *&c.* *See* WILLIAMS (H. S.) 8⁰. & fol. 1875.

STRAUSS (FRIEDRICH CARL JOSEPH VON) *Baron* [1787–1855] Die Pilze Deutschlands. *See* STURM (J.) Deutschlands Flora, *&c.* Abth. III, hft. 33 & 34. 12⁰. 1853.

STRAY FEATHERS, A Journal of Ornithology for India and its Dependencies. Edited by A. Hume. Vol. I–XI.† 8⁰. *Calcutta*, (1872–) 1873–88 (–99).

—— Systematic and general Index . . . By C. Chubb. 8⁰. *London*, 1899 [*i.e.* 1900].

STREBEL (HERMANN) Beitrag zur Kenntniss der Fauna Mexikanischer Land- und Süsswasser-Conchylien. [Thl. 1.] *pp. 69 : 9 pls.* *See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. VI, abth. 1. 4⁰. 1873.

—— 5 Thl. [in 1 Vol.] *illust.* 4⁰. *Hamburg*, 1873–82.
Thl. I is a duplicate of the preceding.

Strebel (H.) Beiträge zur Kenntnis der Molluskenfauna der Magalhaen-Provinz. II. Die Trochiden. *See* ZOOLOGISCHE JAHRBUECHER. Supplement-Bd. VIII, *&c.* 8⁰. 1905.

Strebel (H.) [Gastropoda of the Antarctic Regions.] *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901–03, *&c.* Bd. VI, lief. 1. 4⁰. 1908.

Strebel (H.) Conchologische Mitteilungen aus dem Naturhistorischen Museum in Hamburg. *pp. 35 : 3 pls.* *See* HAMBURG. — NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. XIX, no. 3. 4⁰. 1910.

STRÉCHEVSKY (S.) *See* STRESHEVSKIĬ (S. Ī.)

STRECKER (ADOLPH FRIEDRICH LUDWIG) [1822–1871] *See* JAHRESBERICHT UEBER DIE FORTSCHRITTE DER REINEN, PHARMACEUTISCHEN UND TECHNISCHEN CHEMIE, PHYSIK, MINERALOGIE UND GEOLOGIE . . . Herausgegeben von . . . A. Strecker, 1868–69. 8⁰. 1870–72.

STRECKER (HERMANN) Lepidoptera, Rhopaloceres and Heteroceres, indigenous and exotic; with descriptions, *&c.* *pp. 143 : 15 pls. col.* 4⁰. *Reading, Pa.*, 1872–77.

—— Supplement. 3 No. 4⁰. *Reading, Pa.*, 1898–1900.

Strecker (H.) Butterflies and Moths of North America, with full instructions for collecting . . . etc., a complete synonymical catalogue of Macrolepidoptera, with a full bibliography . . . Diurnes. *pp. ii, 283 : 2 pls.* 8⁰. *Reading, Pa.*, 1878.

Strecker (H.) Index of Species to Kirby's Synonymic Catalogue of Lepidoptera Heterocera. Vol. I. Sphinges and Bombyces. *pp. 45.* 8⁰. *Reading, Pa.*, 1899.

STREETER (EDWIN WILLIAM) [Precious Stones and Gems, their history and distinguishing characteristics, *&c.* 8⁰. *London*, 1877.]
Wanting.

—— Third edition. *pp. 141, 122, 42: 15 pls. (col.)* 8⁰. *London*, 1882.

—— Fourth edition, *&c.* *pp. xvi, 347 : 7 pls. (5 col.)* 8⁰. *London*, 1884.

—— Fifth edition, *&c.* *pp. xii, 355 : 17 pls. col. & vignette.* 8⁰. *London*, 1892.

Streeter (E. W.) Gold: legal regulations for the standard of Gold and Silver wares in different countries of the world. Translated . . . by Mrs. Brewer . . . With notes and additions by E. W. Streeter . . . Sixth edition, *&c.* *See* STUDNITZ (A. VON). 8⁰. 1878.

Streeter (E. W.) The great Diamonds of the World. Their history and romance. Edited and annotated by J. Hatton and A. H. Keane. [Second edition.] *pp. 321.* 8⁰. *London*, 1882.
The first edition appeared earlier in the same year.

STREETS (THOMAS H.) Contributions to the Natural History of the Hawaiian and Fanning Islands and Lower California, made in . . . 1873–75 (Ornithology. By E. Coues). *pp. 172.* *See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 7. 8⁰. 1877.

—— [Another issue.] *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. XIII, art. 7. 8⁰. 1877 (1878).

STREINTZ (JOSEPH ANTON) Die Gattungen der Cruciferen, Umbelliferen und Compositen Deutschlands, der Schweiz und Istriens, analytisch-dichotomisch bearbeitet. Inaugural-Dissertation, *&c.* *pp. 39.* 8⁰. *Wien*, 1843.

STREINZ (WENZEL MATERN) [1792–1876] Nomenclator Fungorum exhibens ordine alphabetico nomina tam generica quam specifica ac synonyma a scriptoribus de scientia botanica Fungis imposita. *pp. viii, 735.* 8⁰. *Vindobonæ*, 1862.

STREMME (EDUARD) [1859–] Beitrag zur Kenntniss der tertiären Ablagerungen zwischen Cassel und Detmold, nebst einer Besprechung der Norddeutschen *Pecten*-Arten. Inaugural-Dissertation, *&c.* *pp. 46 [1], 1 tab.* 8⁰. *Berlin*, 1888.

STREMME (HERMANN) [1879-] Die Säugetiere mit Ausnahme der Proboscidier [of Trinil]. *See* SELENKA (M. L.) *Frau.* Die *Pithecanthropus*-Schichten . . . Ergebnisse der (Selenka-) Trinil-Expedition (1907 und 1908), *&c.* 4⁰. 1911.

STREMPEL (JOHANNES CARL FRIEDRICH) [1800–1872] Filicum Berolinensium synopsis. Dissertatio inauguralis, *&c.* *pp. 48 : 1 pl.* 8⁰. *Berolini*, 1822.

STRENG (JOHANN AUGUST) [1830–1897] Ueber die Porphyre des Harzes, *&c.* 8⁰. *Stuttgart*, 1860.
Neues Jahrb. Min., *&c.* 1860. *pp. 129–176, 257–292, 385–414.*

Streng (J. A.) Ueber den Gabbro und den sog[enannten] Schillerfels des Harzes, *&c.* *pp. 101 : 1 pl. col.* 8⁰. *Stuttgart*, 1863.
Neues Jahrb. Min., *&c.* 1862.

Streng (J. A.) & **Kloos** (J. H.) The Crystalline Rocks of Minnesota. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual Reports, *&c.* No. 11. 8⁰. 1834.

STRESHEVSKIĬ (S. Ī.) [Geological description of the central portion of the projected railroad route across the Caucasus.] *See* ĪNOSTRANTZEV (A. A.) Chrez ghlavnuiĭ Kavkazskiĭ khrebet, *&c.* 4⁰. 1896.

STRETCH (RICHARD H.) Illustrations of the Zygænidæ and Bombycidæ of North America. Vol. I. *pp. vii, 242 : 10 pls. col., text illust.* 8⁰. *San Francisco*, 1872–73.

Stretch (R. H.) Report upon new species of Zygænidæ and Bombycidæ collected in portions of California and Arizona during 1871–73. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. V, chap. 9. 4⁰. 1875.

STREUBEL (August Vollrath) Das Thierreich geordnet nach seiner Organisation . . . nach der zweiten . . . Ausgabe frei ins Deutsche übersetzt und durch Zusätze . . . eingerichtet von A. V. Streubel. Erster Theil. *See* Cuvier (G. L. C. F. D.) *Baron.* 8⁰. 1846.

STRICHT (Omer van der) La structure de l'Œuf des Mammifères (Chauve-Souris, *Vesperugo noctula*). Pt. iii. *pp. 176 : 7 pls.* *See* Brussels. — Académie royale de Belgique. Mémoires collection in-4⁰. Sér. II, tom. ii. 4⁰. 1909.

Pt. i appeared in the "Arch. Biol.," Tom. xxi, 1904; and pt. ii in "Bull. Acad. Méd. Belg.," 1905.

Stricht (O. van der) & **Heymans** (J. F.) Sur le système nerveux de l'*Amphioxus, &c. pp. 74 : 13 pls. (col.)* *See* Brussels.—Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. lvi. 8⁰. 1897–98.

STRICKER (Salomon) [1834–1898] Handbuch der Lehre von den Geweben des Menschen und der Thiere . . . herausgegeben von S. Stricker. 2 Bd. [in 1.] *pp. xii, xxviii, iv, 1248 : text illust.* 8⁰. *Leipzig*, 1871–72.

STRICKER (Wilhelm Friedrich Carl) [1816–1891] Geschichte der Menagerien und der Zoologischen Gärten. *pp. 43.* 8⁰. *Berlin*, 1879 (1880).

Sammlung gemeinverständlicher Wissenschaftlicher Vorträge. Ser. XIV, hft. 336.

STRICKLAND (Hugh Edwin) [1811–1853] Proposed Plan for rendering the Nomenclature of Zoology uniform and permanent. *See* British Association for the Advancement of Science. 8⁰. 1841.

Rules for Zoological Nomenclature, *&c.* *See* British Association for the Advancement of Science. 8⁰. 1863.

—— [Another edition.] 8⁰. 1865.

—— [Another edition.] With Notes by A. E. Verrill. *pp. 20.* 8⁰. [*New Haven, Conn.*, 1869.]

Amer. Journ. Sci. Ser. II, vol. xlviii.

—— [Another edition.] [Edited, with a preface, by P. L. Sclater.] *pp. 27.* 8⁰. *London*, 1878.

Strickland (H. E.) Outline of the Geology of the neighbourhood of Cheltenham. By R. I. Murchison . . . A new edition . . . by . . . H. E. Strickland. *See* Murchison (*Sir* R. I.) *Bart.* 8⁰. 1845.

Strickland (H. E.) Report on the recent progress and present state of Ornithology. 8⁰. *London*, 1845.

Rept. Brit. Assoc. 1844 (1845), *pp. 170–221.*

Strickland (H. E.) Bibliographia Zoologiæ et Geologiæ . . . By . . . L. Agassiz . . . edited by H. E. Strickland. 4 Vol. *See* Ray Society. 8⁰. 1848–54.

Strickland (H. E.) Ornithological Synonyms . . . Edited by Mrs. H. E. Strickland and Sir W. Jardine, *&c.* Vol. i.† Accipitres. *pp. xlvi, 222.* 8⁰. *London*, 1855.

Strickland (H. E.) Memoirs of H. E. Strickland (Selection from the scientific writings), *&c.* *See* Jardine (*Sir* W.) *Bart.* 8⁰. 1858.

Strickland (H. E.) A Catalogue of the Collection of Birds formed by . . . H. E. Strickland. *See* Salvin (O.) 8⁰. 1882.

Strickland (H. E.) & **Melville** (A. G.) The Dodo and its kindred; or the history, affinities and osteology of the Dodo, Solitaire, and other extinct Birds of the Islands Mauritius, Rodriguez and Bourbon. *pp. [viii,] 141 : 18 pls. (col.), text illust.* fol. *London*, 1848.

STRICKLAND (W. W.) The Law of the Symmetry of Composite Flowers and its Relation to Decorative Art. *pp. 33 : text illust.* 8⁰. *Malton* [1896].

STRIDSBERG (Carol Axel) [1796–1835] Flora Hallandica . . . proponunt E. Fries et C. A. Stridsberg, Sect. v. *See* Fries (E. M.) 8⁰. 1818.

STRIPPELMANN (Leo) [–1892] Süd-Russlands Magneteisenstein- und Eisenglanzlagerstätten in den Gouvernements Jekatherinosslaw (Kreiss Wrchnednjeprowsk) und Cherson, nebst praktischen Gesichtspunkten für deren Entwickelungsfähigkeit und Bedeutung für die Südrussische Eisenindustrie . . . mit Vorwort von B. von Cotta. *pp. iv, 47 : 1 pl.* 8⁰. *Halle a. S.*, 1873.

STROBEL (Pellegrino) [1821–1895] Delle Conchiglie terrestri dei dintorni d' Innsbruck. *pp. 33.* 8⁰. *Milano*, 1844.

Giorn. I. R. Istit. Lombardo di Sci. e Bibl. Ital. Tom. ix.

Strobel (P.) *See* Giornale di Malacologia, compilato per cura di P. Strobel. Anno i & ii. 8⁰. 1853–54 [–55].

Strobel (P.) Formicidæ novæ Americanæ collectæ a . . . P. de Strobel, *&c.* *See* Mayr (G. L.) 8⁰. [1868.]

Strobel (P.) Illustrazione di alcune Piante raccolte dal Sig. Prof. Strobel sul versante orientale delle Ande Chilene dal Passo del Planchon sino a Mendoza, attraverso la Pampa del Sud. Memoria del . . . V. Cesati. *pp. 22 : 3 pls.* *See* Naples.—Accademia delle scienze fisiche e mathematiche. Atti, *&c.* Vol. v, no. 7. 4⁰. 1873.

—— [Preprint.] 4⁰. 1871.

Strobel (P.) Avanzi Animali. *See* Orsi (P.) Stazione neolitica di Stentinello (Siracusa). (Appendice.) 8⁰. 1890.

Strobel (P.) & **Pigorini** (L.) Le terramare e le palafitte del Parmense. Seconda relazione. *pp. 152 : 1 map, text illust.* *See* Milan.—Società italiana di scienze naturali. Atti, *&c.* Vol. vii. 8⁰. 1864.

STROBELBERGERUS (Johannes Stephanus) [1593–1630] J. S. Strobelbergeri . . . Mastichologia, seu de universa mastiches natura dissertatio medica, *&c.* *pp. [ii,] 109.* 8⁰. *Lipsiæ*, 1628.

STROBL (Gabriel) [1846–] Dipterenfauna von Bosnien, Hercegovina und Dalmatien. *pp. 120.* 8⁰. *Wien*, 1900.

Wissensch. Mitthl. Bosnien & Hercegovina. Bd. vii.

Strobl (G.) Neue Beiträge zur Dipterenfauna der Balkanhalbinsel. *pp. 63.* 8⁰. *Wien*, 1904.

Wissensch. Mitthl. Bosnien & Hercegovina. Bd. ix.

Strobl (G.) Spanische Dipteren. ii. Beitrag. Bearbeitet u. meist gesammelt von . . . G. Strobl. *pp. 152.* *See* Madrid. — Real sociedad española de historia natural. Tom. iii, mem. 5. 8⁰. 1906.

Beitrag i appeared in "Wien. Entom. Zeit." No. 17–19. Jahrg. 1898–1900.

STROEBELE (Maximilian) Ueber die Functionen der Blätter. Eine Inaugural-Dissertation welche . . . unter dem Präsidium von H. Mohl . . . vorlegt der Verfasser, *&c.* *pp. 35.* 4⁰. *Tübingen*, 1836.

STROESE (Karl) [1853–] Das Bacillarienlager bei Klieken in Anhalt. *pp. 26 : 2 pls. (col.)* 8⁰. *Dessau*, 1884.

Festschrift Herzogliches Realgymnasium zu Dessau.

STROEVER (Valentin) Ueber die Verbreitung der Wurzelverkürzung. Inaugural-Dissertation, *&c.* *pp. 45 : 2 pls.* 8⁰. *Jena*, 1892.

STROHECKER (Jonas Rudolph) Systematischer Plan medicinisch-botanischer Excursionen in die Umgebung Münchens. *pp. 67.* 8⁰. *München*, 1868.

Strohecker (J. R.) Systematische Anleitung zu botanischen Excursionen in Mitteleuropa, *&c. pp.* [*ii*,] *206.* 8⁰. *München*, 1869.

STROHMEYER (H.) Fam. Platypodidæ. *pp. 26. See* Schenkling (S.) Coleopterorum Catalogus, *&c.* Pt. 44. 8⁰. 1912.

STRÖM (Gabriel Tobias) [1770-1840] Genera nova Plantarum . . . Part. vi . . . submittit G. T. Ström, *&c. See* Thunberg (C. P.) 4⁰. [1792.]

—— [Another edition.] *See* Thunberg (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. i. [No. 6.] 8⁰. 1799.

STRØM (Hans) [1726-1797] Underretning om den Islandske Moss, Mariegræsset og Geitnaskoven, deres Tilberedelse til Mad, *&c. pp. 22.* 8⁰. *Christiania*, 1807.
An earlier edition was published at Copenhagen in 1785, with a coloured plate.

Strøm (H.) Ett försök att bestämma en del af de utaf H. Ström beskrifna Norska Insekter. *pp. 31. See* Christiania.—Videnskabs-selskabet. Forhandlinger, *&c.* Aar 1880, no. 2. 8⁰. 1881.

STRÖM (Israel Adolf af) [1778-1856] Svenska Foglarna, uppställde i systematisk ordning, *&c. pp. 100* [*1*] *: 9 pls.* 12⁰. *Stockholm*, 1839.

STRÖM (P.) *See* Afhandlingar i Fysik, Kemi och Mineralogi. Utgifne af . . . P. Ström. Delen iv-vi. 8⁰. 1815-18.

STROMER VON REICHENBACH (Ernst) *Baron* [1871-] Die Geologie der Deutschen Schutzgebiete in Afrika. *pp. viii, 203 : 3 maps geol. col.* 8⁰. *München & Leipzig*, 1896.

Stromer von Reichenbach (E.) *Baron.* Die Wirbel der Land-Raubtiere, ihre Morphologie und systematische Bedeutung. *pp. viii, 276, 24 tabs. : 5 pls. See* Zoologica. Bd. xv, hft. 36. 4⁰. 1902.

Stromer von Reichenbach (E.) *Baron.* Lehrbuch der Paläozoologie. 2 Tl. *illust.* 8⁰. *Leipzig & Berlin*, 1909, 12.
Forming a volume of the series "Naturwissenschaft und Technik in Lehre und Forschung . . . Herausgegeben von F. Doflein [&] K. T. Fischer."

STROMEYER (Charles Edmond) [1856-] The formation of Minerals in Granite. *pp. 15. See* Manchester Literary & Philosophical Society. Memoirs, *&c.* Vol. xliv, pt. iii, no. 7. 8⁰. 1900.

STROMEYER (Friedrich) [1776-1835] Commentatio inauguralis, sistens historiæ Vegetabilium geographicæ specimen, *&c. pp.* [*iv*,] *80.* 4⁰. *Gottingæ* [1800].

Stromeyer (F.) Untersuchungen über die Mischung der Mineralkörper mit anderer damit verwandten Substanzen. Bd. i.† *pp. xiv, 458.* 8⁰. *Göttingen*, 1821.

STROMEYER (Johannes Friedrich) [1750-1830] Dissertatio inauguralis botanico-medica, sistens Plantarum Solanacearum ordinem, *&c. pp. 36.* 4⁰. *Gœttingæ* [1772].

STRÖMFELT (Harald Fredrik Georg) [1861-1890] Om Algvegetationen vid Islands kuster. *pp. 89 : 3 pls. See* Gottenburg.—Götheborgs kongliga vetenskaps och vitterhets samhället. Handlingar. Ny Tidsföljd, Hft. xxi. 8⁰. 1887.

—— [Preprint.] Akademisk afhandling, *&c.* 8⁰. *Göteborg*, 1886.

STRÖMMAN (Pehr Hugo) Leptocephalids in the University Zoological Museum at Upsala. Being a dissertation, *&c. pp. vi, 53 : 5 pls.* 8⁰. *Upsala*, 1896.

STRÖMQUIST (Jacobus) Dissertatio chemica analysin Gadolinitarum Ytterbyensium exhibens. Cujus partem priorem . . . p. p. N. J. Berlin et J. Strömquist, *&c. See* Berlin (N. J.) 4⁰. 1834.

STRONG (Moses)
List of the Mammals of Wisconsin.
Lead and Zinc Ores [of Wisconsin].
See Wisconsin, *State of.—Geological Survey.* Geology of Wisconsin, *&c.* Vol. i. 8⁰. 1883.

Strong (M.) [For official reports in connection with the Survey] *See* Wisconsin, *State of.—Geological Survey.*

STRONG (Reuben Myron) The Metallic colors of Feathers from the sides of the neck of the domestic Pigeon. *See* Parker (G. H.) Mark Anniversary Volume, *&c.* No. 13. 4⁰. 1903.

STRONG (Richard P.) The Philippine Journal of Science. Edited by . . . R. P. Strong, *&c.* Vol. i-> *See* Philippine Islands.—*Science Bureau.* 8⁰. 1906->

STROUD (T. B.) The Elements of Botany, physiological and systematical : to which is added a comprehensive dictionary of all the terms used in that science, *&c. pp. 257* [*92*]. 8⁰. *Greenwich*, 1821.

STROUHAL (Vincenz) [1850-] & **Barus** (C.) The electrical and magnetic (Physical) properties of the Iron-Carburets. 3 Pt. *See* United States.—*Geological Survey.* Bulletin, *&c.* No. 14, 27 & 35. 8⁰. 1885-86.

STROZZI (Carlo) *Marquess* & **Gaudin** (C. T.) Mémoire sur quelques gisements de Feuilles fossiles de la Toscane ([afterwards termed] Contribution à la Flore fossile Italienne), *&c.* 6 Pt. *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Tom. xvi, no. 3 ; xvii, no. 4, 7 ; & xx, no. 3. 4⁰. 1858-64.
Mém. v, Tufs Volcaniques de Lipari, is by C. T. Gaudin & Baron H. Piraïno de Mandralisca.

STRUBE (Guilelmus) [1838-] Exanthemata Phyto-Parasitica eodemne Fungo efficiantur, quæritur. Dissertatio inauguralis, *&c. pp. 31.* 8⁰. *Berolini*, 1863.

STRUBELL (Adolf) Untersuchungen über den Bau und die Entwicklung des Rübennematoden, *Heterodera Schachtii*, Schmdt. *pp. 49 : 2 pls.* (*col.*) *See* Zoologica. Bibliotheca Zoologica, *&c.* Bd. i, hft. 2. 4⁰. 1888.

STRUCK (Rudolf) [1861-] Der Verlauf der nördlichen und südlichen Hauptmoräne in der weiteren Umgebung Lübecks. *pp. 43 : 11 pls., 1 map.* 8⁰. *Lübeck*, 1902.
Mitteil. Geogr. Gesell. Lübeck. Hft. xvi.

Struck (R.) Der Baltische Höhenrücken in Holstein. Ein Beitrag zur Geographie und Geologie Holsteins. *pp. 95 : 11 pls., 1 map* (*col.*) 8⁰. *Lübeck*, 1904.

STRUCKMANN (Carl Eberhard Friedrich) [1833-1898] Geognostische Skizze der Umgegend von Hannover. *pp. 26 : 1 map col.* 8⁰. *Hannover* [1874].
Extracted from "Hannover und Umgegend. Entwicklung und Zustände seiner Industrie und Gewerbe."

Struckmann (C. E. F.) Der obere Jura der Umgegend von Hannover. Eine paläontologisch-geognostisch-statistische Darstellung. *pp. viii, 169 : 8 pls.* 4⁰. *Hannover*, 1878.

Struckmann (C. E. F.) Die Wealden-Bildungen der Umgegend von Hannover. Eine geognostisch-paläontologisch-statistische Darstellung. *pp. vii, 122 : 5 pls.* 4⁰. *Hannover*, 1880.

Struckmann (C. E. F.) Neue Beiträge zur Kenntniss des oberen Jura und der Wealdenbildungen der Umgegend von Hannover. *pp. 37 : 5 pls. See* PALÆONTOLOGISCHE ABHANDLUNGEN. Bd. I, hft. 1. 4⁰. 1882.

STRUEBIN (KARL) [1876–] Eine *Harpoceras*-Art aus dem untern Dogger. (Zone des *Sphæroceras Sauzei.*) *pp. 5 : 1 pl., text illust. See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* 4⁰. 1903.

STRUEBING (OTTO WALTER JOHANNES) [1862–] Die Vertheilung der Spaltöffnungen bei den Coniferen. Inaugural-Dissertation, *&c. pp. 76.* 8⁰. *Königsberg*, 1888.

STRUEVER (GIOVANNI)
See STRUEVER (JOHANNES KARL THEODOR).

STRUEVER (JOHANNES KARL THEODOR) [1842–] Beschreibung des *Heterodontus Phillipii*, Bl. (*Cestracion Phillipii*, Cuv.), mit Rücksicht auf seine fossilen Verwandten. *pp. 32 : 2 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXI, no. 2. 4⁰. 1864.

Struever (J. K. T.) Die fossilen Fische aus dem obern Keupersandstein von Coburg. Inaugural-Dissertation, *&c. pp. 30 : 1 pl.* 8⁰. *Berlin* [1864].
Zeitschr. Geol. Gesell. Berlin. Bd. XVI.

Struever (J. K. T.) Studi sulla Mineralogia Italiana. Pirite del Piemonte e dell' Elba. *pp. 51 : 14 pls.* 4⁰. *Torino*, 1869.
Mem. R. Accad. Sci. Torino. Ser. II, tom. XXVI.

Struever (J. K. T.) Studii Geologici sulle Alpi occidentali, di B. Gastaldi. Appendice Mineralogica, di G. Strüver. *See* GASTALDI (B.) 4⁰. 1871.

Struever (J. K. T.) Studi Cristallografici intorno alla Ematite di Traversella. *pp. 53 : 5 pls.* 8⁰. *Torino*, 1872.
Atti R. Accad. Sci. Torino. Tom. VII.

STRUGNELL (W. BISHOP) & **Witchell** (C. A.) The Fauna and Flora of Gloucestershire. *See* WITCHELL (C. A.) & STRUGNELL (W. B.) 8⁰. 1892.

STRUMPFF (CHRISTOPH CARL) C. Linnæi . . . Genera Plantarum . . . recudenda curavit C. C. Strumpff . . . Editio quarta. *See* LINNÆUS (C.) [*Botanical Works : Gen. Plant.*] 8⁰. 1752.

STRUTHERS (JOSEPH) [1865–] *See* MINERAL INDUSTRY, *The* . . . Edited by J. Struthers. Vol. X & XI. 8⁰. 1902–03.

STRUTT (JACOB GEORGE) [fl. 1814–1858] Sylva Britannica ; or Portraits of Forest Trees, distinguished for their antiquity, magnitude or beauty (Sylva Scotica). *41 pls. (& 8 pls.), engr. title, with descriptive letterpress.* fol. *London*, 1822 (–26).

—— [Another edition.] *pp. 151 : 50 pls.* 8⁰. *London* [1831–36].
Large-paper copy.

Strutt (J. G.) Deliciæ Sylvarum ; or, grand and romantic forest scenery in England and Scotland, *&c. 8 pls., engr. title, with descriptive letterpress.* fol. *London*, 1828 (–29).

STRUVE (A.) Ueber die Schichtenfolge in den Carbonablagerungen im südlichen Theil des Moskauer Kohlenbeckens. *pp. 107 : 1 map col. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXXIV, no. 6. 4⁰. 1886.

STRUVE (GUSTAV ADOLPH) [1811–1889] De Silicia in Plantis nonnullis. Dissertatio inauguralis, *&c. pp. 30 : 2 pls.* 8⁰. *Berolini*, 1835.

STRUVE (HEINRICH VON)
See STRUVE (H. CHRISTOPH GOTTFRIED VON).

STRUVE (HEINRICH CHRISTOPH GOTTFRIED VON) [1771–1851] Beiträge zur Mineralogie und Geologie des nördlichen Amerika's, *&c. pp. 124.* 8⁰. *Hamburg*, 1822.

STRUVE (HEINRICH WILHELM) [1822–] Die Alexandersäule und der Rapakivi, ein Beitrag zur näheren Kenntniss des Finnländischen Granits. *pp. 47. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. VI, no. 4. 4⁰. 1863.

Struve (HEINRICH W.) Die artesischen Wasser und untersilurischen Thone zu St. Petersburg, *&c. pp. 86. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. VIII, no. 11. 4⁰. 1865.

Struve (HEINRICH W.) Studien über Blut. *pp. 34. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXXII, no. 7. 4⁰. 1884.

STRUVE (JACOBUS BERNHARDUS) Dissertatio botanica de Erica . . . publico examini subjicit J. B. Struve, *&c. See* THUNBERG (C. P.) 4⁰. [1785.]

—— [Another edition.] *See* USTERI (P.) Delectus opusculorum Botanicorum, *&c.* Vol. II, no. 13. 8⁰. 1793.

—— [Another edition.] *See* THUNBERG (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. II, no. 8. 8⁰. 1800.

—— Editio altera, curante R. A. Salisbury. 4⁰. 1800.

STRZELECKI (PAUL EDMUND DE) *Count* [1796–1873] Physical description of New South Wales and Van Diemen's Land, *&c. pp. xix, 462 : 19 pls., 1 map geol. col.* 8⁰. *London*, 1845.
Contains :—
Fossil Flora, by J. Morris.
Fossil Polyparia, by W. Lonsdale.
Fossil Mollusca and Brachiopoda, by J. Morris.
Pleiocene Mollusca, by G. B. Sowerby.
List of the Recent Mammalia and Aves, by J. Gould.

Gold and Silver : a supplement to Strzelecki's Physical description of New South Wales and Van Diemen's Land. *pp. 33.* 8⁰. *London*, 1856.

STSCHÉGLÉEW (SERGE) *See* SHCHEGHLEEV (S. S.)

STUART (JOHN) *3rd Earl of Bute* [1713–1792] A tabular Distribution of British Plants. *See* BRITISH ISLANDS. 4⁰. 1780.
Largely reprinted in Vol. I of the "Botanical Tables," *q.v.* infra.

Stuart (JOHN) *3rd Earl of Bute.* Botanical Tables containing the different Familys of British Plants, distinguish'd by a few obvious parts of Fructification rang'd in a synoptical method. (Observations on the generical characters of British Plants, and an account of the parts on which they are composed.—Characters of the Genera.—Appendix. 1 Vol.—Figures of the Genera. 5 Vol.—The characters of the species of British Plants. 2 Vol.—Some observations on the terms employed in Botany.—A Glossary . . . with Latin translations. 1 Vol.), *&c.* 9 Vol. *illust. col.* 4⁰. [*London*, 1785?]
Privately printed : only 12 copies were issued.

Introduction to the General Tables of Plants, with a further explanation of the tabular arrangement. [By J. Stuart, 3rd Earl of Bute.] *See* PLANTS. 4⁰. [1785?]

Stuart (JOHN) *3rd Earl of Bute.* [Original water-colour] Drawings of the leaves, stalks and ramifications of Plants . . . Executed for the Earl of Bute, *&c.* *See* MUELLER (J. S.) afterwards MILLER (J.) 4⁰. 1783–84.

STUART (JOHN MCDOUALL) [1815–1866] [Australian explorations.] *See* DAVIS (J.) *of Adelaide.* Tracks of McKinlay, *&c.*

STUART-MENTEATH (PATRICK WILLIAM) [1845–] Sur les Méthodes de la Nouvelle Géologie. *pp. 12.* 8⁰. *St-Jean-de-Luz*, 1907.
Privately printed.

Stuart-Menteath (P. W.) La Nouvelle Géologie à Biarritz. 2 Pt. 8⁰. *Biarritz*, 1907–08.
Extrait de "Biarritz-Association."

Stuart-Menteath (P. W.) Le Centenaire de Darwin. *pp. 8.* 8⁰. *Biarritz*, 1909.
Extrait de "Biarritz-Association."
Title from wrapper.

Stuart-Menteath (P. W.) Les conclusions définitives d'É. Suess. *pp. 10.* 8⁰. *Biarritz*, 1909.
Extrait de "Biarritz-Association."

Stuart-Menteath (P. W.) Sur les Gisements Métallifères des Pyrénées Occidentales. Pt. 2–6. *illust.* 8⁰. *Biarritz*, 1909–11.
Extrait de "Biarritz-Association."
Pt. 1, "Note préliminaire," *&c.*, appeared in "Bull. Soc. Géol. France," Sér. III, tom. XIV, 1886.

Stuart-Menteath (P. W.) La Nouvelle Géologie à Dax. *pp. 16.* 8⁰. [*Biarritz?*]
Privately printed.

STUART-WORTLEY (A. J.) Shooting . . . with contributions by . . . A. J. Stuart-Wortley. Field and Covert, *&c.* *See* DE GREY (T.) *Baron Walsingham* & PAYNE-GALLWEY (*Sir* R.) 8⁰. 1886.

STUBBS (FRED) List of Birds of the Oldham district. *pp. 20.* 8⁰. [*Oldham*, 1904.]

Stubbs (F.) The Use of Wind by Migrating Birds. *pp. 9.* *See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs and Proceedings, *&c.* Vol. LIII, no. 15. 8⁰. 1909.

STUBBS (GEORGE) [1724–1806] A comparative anatomical exposition of the structure of the Human Body, with that of a Tiger and common Fowl, *&c.* No. I–III.† *pp. 1–289.* 4⁰. *London* [1803–06].
Wanting the plates. The work was to have been completed in six parts.

STUBER (J. A.) [1868–] Die obere Abtheilung des unteren Lias in Deutsch-Lothringen. *pp. vi, 107 : text illust.* *See* ALSACE-LORRAINE. - *Commission fuer die Geologische Landes-Untersuchung, &c.* Abhandlungen, *&c.* Bd. V, hft. 2. 8⁰. 1893.
Also issued as a Thesis.

STUCKENBERG (A.) *See* SHTUKENBERGH (A. A.)

STUDENT AND INTELLECTUAL OBSERVER OF SCIENCE, *&c.*, THE. Vol. I–V.† 8⁰. *London*, 1868–71.
Preceded by "Recreative Science," 1860–62, and "The Intellectual Observer," 1862–68 [*q.v.*].

STUDER (BERNHARD) [1794–1887] Beyträge zu einer Monographie der Molasse, oder geognostiche Untersuchungen über die Steinarten und Petrefacten, die zwischen den Alpen und dem Jura gefunden werden, mit besonderer Rücksicht auf den Canton Bern und die angrenzenden Theile von Freyburg, Luzern und Solothurn. *pp. xxxviii, 427 : 2 pls.* 8⁰. *Bern*, 1825.

Studer (B.) Geologie der westlichen Schweizer-Alpen. *pp. x, 420.* Atlas, *3 pls. col., 1 map col.* 8⁰. & 4⁰. *Heidelberg & Leipzig*, 1834.

Studer (B.) Die Gebirgsmasse von Davos, *&c.* *pp. 60 : 3 pls. col.* *See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. I. 4⁰. 1837.

Studer (B.) Lehrbuch der physikalischen Geographie und Geologie. [Erstes Capitel, enthaltend: Die Erde im Verhältniss zur Schwere.] Zweites Capitel . . . Die Erde im Verhältniss zur Wärme. 2 Pt. 8⁰. *Bern, &c.*, [1844–] 1847.
Wanting Cap. I.

Studer (B.) Geologie der Schweiz. 2 Bd. *illust., & 1 map col.* 8⁰. & s.sh. *Bern, &c.*, 1851, 53.
The map is entitled :—"Carte Géologique de la Suisse, par B. Studer et A. Escher de la Linth," *&c.* [Scale 1 in. = 5½ m. about.] 4 sh. col.

Studer (B.) Erläuterungen zur zweiten Ausgabe der Geologischen Karte der Schweiz von B. Studer und A. Escher [von der Linth]. *pp. 32.* 8⁰. *Winterthur*, 1869.
For map, *See* SWITZERLAND. [*Maps.*] Carte Géologique de la Suisse . . . 2ᵉ édition; *&c.*

Studer (B.) Index der Petrographie und Stratigraphie der Schweiz und ihrer Umgebungen. *pp. v, 272.* 8⁰. *Bern*, 1872.

Studer (B.) & **Escher von der Linth** (A.) Geologische Beschreibung von Mittel-Bündten, *&c.* *pp. 218 : 5 pls. col.* *See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. III. 4⁰. 1839.

Studer (B.) & **Escher von der Linth** (A.) Carte Géologique de la Suisse, *&c.* [Scale 1 : 380,000, *i.e.* 1 in. = 6 m. about.] *See* STUDER (B.) Geologie der Schweiz. 4 sh. *col.* 1853.

—— 2ᵉ édition, *&c.* *See* SWITZERLAND. [*Maps.*] 4 sh. *col.* [1869.]

—— —— Erläuterungen, *&c.* *See* STUDER (B.) 8⁰. 1869.

—— Réduction de la 2ᵉ édition. Réduction 1 : 760,000 [*i.e.* 1 in. = 12 m. about]. *See* SWITZERLAND. [*Maps.*] s.sh. *col.* [1873.]

STUDER (JACOB HENRY) Studer's popular Ornithology. The Birds of North America . . . drawn and colored . . . by T. Jasper . . . including a letterpress . . . giving a popular account of their habits and characteristics, *&c.* *pp. viii, 182 : 119 pls. col.* fol. *New York & Columbus* [1878].
Printed in double column.

STUDER (SAMUEL) [1757–1834] Systematisches Verzeichniss der bis jetzt bekannt gewordenen Schweizer-Conchylien. *pp. 32.* 4⁰. *Bern*, 1820.
Naturw. Anz. Allg. Schweiz. Gesell. Gesammt. Naturw. Jahrg. III.

STUDER (THEODOR) *See* STUDER (THEOPHIL).

STUDER (THEOPHIL) [1845–] Die Entwicklung der Federn. Inaugural-Dissertation. *pp. 29 : 2 pls.* 8⁰. *Bern*, 1873.

Studer (THEOPHIL) Ueber die Thierreste der Pfahlbaustationen Lüscherz und Möringen. *See* KELLER (F.) Die Keltischen Pfahlbauten in den Schweizerseen. Bericht 7. 4⁰. 1876.

Studer (THEOPHIL) On the Animal Remains from the Lake Dwellings of Lüscherz and Möringen. *See* KELLER (F.) The Lake Dwellings of Switzerland . . . Second edition, *&c.* 8⁰. 1878.

Studer (THEOPHIL) Uebersicht über die Ophiuriden welche während der Reise S.M.S. Gazelle um die Erde, 1874–1876, gesammelt wurden. *pp. 37 : 3 pls.* *See* BERLIN. — KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1882, Anhang, abth. 1. 4⁰. 1883.

Studer (THEOPHIL) Verzeichniss der während der Reise S.M.S. Gazelle an der Westküste von Afrika, Ascension und dem Cap der Guten Hoffnung gesammelten Crustaceen. *pp. 32 : 2 pls. See* BERLIN. — KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1882, Anhang, abth. 2. 4⁰. 1883.

There is a slight variation in the wording of the title in some copies.

Studer (THEOPHIL) Isopoden, gesammelt während der Reise S.M.S. Gazelle um die Erde, 1874–76. *pp. 28 : 2 pls. See* BERLIN. — KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1883, Anhang, abth. 1. 4⁰. 1884.

Studer (THEOPHIL) Verzeichniss der während der Reise S.M.S. Gazelle um die Erde, 1874–76, gesammelten Asteriden und Euryaliden. *pp. 64 : 5 pls. See* BERLIN. — KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1884, Anhang, abth. 2. 4⁰. 1885.

Studer (THEOPHIL) Ueber den Steinkern des Gehirnraumes einer Sirenoide aus dem Muschelsandstein von Würenlos (Kt. Aargau), nebst Bemerkungen über die Gattung *Halianassa*, H. v. Meyer, und die Bildung des Muschelsandsteins. *See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* (Vol. XIV.) 4⁰. 1887.

Studer (THEOPHIL) Die Forschungsreise S.M.S. "Gazelle" . . 1874 bis 1876 . . . Thl. III. Zoologie und Geologie [Edited by T. Studer]. *See* GERMANY. 4⁰. 1889.

Studer (THEOPHIL) Supplementary Report on the Alcyonaria collected by H.M.S. Challenger during . . . 1873–76. *See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. LXXXI.) Vol. XXXII. 4⁰. 1889.

The main Report, by E. P. Wright and T. Studer, formed Pt. LXIV, in Vol. XXXI.

Studer (THEOPHIL) Ueber zwei fossile dekapode Krebse aus den Molasseablagerungen des Belpberges. *pp. 8 : 1 pl. See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* Vol. XIX. 4⁰. 1892.

Studer (THEOPHIL) Die Säugetierreste aus den marinen Molasseablagerungen von Brüttelen. (—Nachtrag zu der tertiären Säugetierfauna von Brüttelen.) *pp. 47 ([2]) : 3 pls., text illust. See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* Vol. XXII (& XXXI). 4⁰. 1896 (& 1904).

Studer (THEOPHIL) Zwei neue Brachyuren aus der miocaenen Molasse. *See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* (Vol. XXV.) 4⁰. 1898.

Studer (THEOPHIL) Alcyonaires provenant des campagnes de l'Hirondelle (1886–1888). *See* ALBERT HONORÉ CHARLES, *Prince of Monaco.* Résultats des campagnes scientifiques, *&c.* Fasc. XX. 4⁰. 1901.

Studer (THEOPHIL) Die praehistorischen Hunde in ihrer Beziehung zu den gegenwärtig lebenden Rassen. *pp. 137 : 9 pls., text illust. See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* Vol. XXVIII. 4⁰. 1901.

Studer (THEOPHIL) Ueber neue Funde von *Grypotherium Listœi*, Amegh., in der Eberhardtshöhle von Ultima Esperanza. *pp. 17 : 3 pls. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Bd. XL. 4⁰. 1906.

Studer (THEOPHIL) & **Fatio** (V.) Catalogue des Oiseaux de la Suisse, élaboré . . . par . . . V. Fatio et . . . T. Studer ([and afterwards] G. de Burg), *&c.* Livr. 1→ *See* FATIO (V.) & STUDER (T.) 8⁰. 1889→

Studer (THEOPHIL) & **Wright** (E. P.) Report on the Alcyonaria collected by H.M.S. Challenger during . . . 1873–76. *pp. lxxii, 314 : 49 pls., text illust. See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. LXIV.) Vol. XXXI. 4⁰. 1889.

A Supplementary Report, by T. Studer, formed Pt. LXXXI, in Vol. XXXII.

STUDER-STEINHÄUSLIN (BERNHARD) Beiträge zur Kenntniss der Schweizerischen Pilze . . . Wallis. Mit einem Nachtrag von . . . E. Fischer. 2 Pt. *illust. col.* 8⁰. *Bern*, 1890, 95.

Mittheil. Naturf. Gesell. Bern, 1890 (1891) & 1895 (1896).

STUDI ENTOMOLOGICI, pubblicati per cura di F. Baudi e di E. Truqui. Tom. I.† *pp. 376 : 17 pls. (2 col.)* 8⁰. *Torino*, 1848.

STUDIATI (CÉSARE) [–1895] Description des Fossiles de la Brèche Osseuse de Monreale de Bonaria près de Cagliari. *pp. 54 [2]. 1 pl.* 8⁰. *Turin*, 1857.

Voyage en Sardaigne. Vol. II, pt. 3.

STUDIES FROM THE MUSEUM OF ZOOLOGY IN UNIVERSITY COLLEGE, DUNDEE, *&c.* Vol. I.† *See* DUNDEE. — UNIVERSITY COLLEGE. 4⁰. 1888–90.

STUDIES IN MICROSCOPICAL SCIENCE, edited by A. C. Cole, *&c.* Vol. I–IV.† 8⁰. *London*, (1882–) 1883–87.

Vol. II is subdivided into separately-paged sections: 1. Animal Histology; 2. Botanical Histology; 3. Popular Microscopical Studies, 4. The Methods of Microscopical Research.
Vol. III & IV are subdivided into separately-paged sections: 1. Botanical Histology; 2. Animal Histology; 3. Pathological Histology; 4. Popular Microscopical Studies.
The work was published in weekly parts, and with each there was issued a specimen mounted on a glass slide—184 altogether.

STUDLEY (J. T.) The Journal of a Sporting Nomad. *pp. xvi, 303 : 32 pls., 2 ports., text illust.* 8⁰. *London & New York*, 1912.

STUDNIČKA (FRANTIŠEK JÓZSEF) [1836–1903] Bericht über die mathematischen und naturwissenschaftlichen Publikationen der Kön. Böhm. Gesellschaft der Wissenschaften während ihres hundertjährigen Bestandes, *&c.* 2 Pt. *pp. [iv,] 351 : 1 pl. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. 8⁰. 1884–85.

STUDNIČKA (FRANTIŠEK KAREL)
Sur les organes pariétaux de *Petromyzon Planeri. pp. 50 : 3 pls., text illust.*
Příspěvky k morfologii parietálních orgánů Craniotů. [Contributions to the morphology of the parietal organs of the Craniata.] *pp. 12 : 1 pl.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1893, no. 1 & 50. 8⁰. 1894.

Studnička (FRANTIŠEK K.)
Zur Anatomie der sog. Paraphyse des Wirbelthiergehirns. *pp. 13 : 1 pl.*
Beiträge zur Anatomie und Entwickelungsgeschichte des Vorderhirns der Cranioten. *pp. 42 : 7 pls.*
Ueber die terminale Partie des Rückenmarkes. *pp. 8 : 1 pl.*
Ein Beitrag zur vergleichenden Histologie und Histogenese des Rückenmarkes. (Ueber die sog. "Hinterzellen" des Rückenmarkes.) *pp. 32 : 3 pls.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1895, no. 5, 33, 50 & 51. 8⁰. 1896.

Studnička (František K.) Beiträge zur Anatomie und Entwickelungsgeschichte des Vorderhirns der Cranioten. *pp. 32 : 4 pls. (col.) See* Prague.—koenigliche-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1896, no. 15. 8⁰. 1897.

Studnička (František K.)
O histologické stavbe Chordy dorsalis a o tak zvané chordální chrupavce. [On the histological structure of the Chorda dorsalis and the so-called notochordal cartilage.] *pp. 71 : 2 pls.*
Ueber die Structur der sog. Cuticula und die Bildung derselben aus den intercellularen Verbindungen in der Epidermis. *pp. 11 : 1 pl., text illust.*
Ueber verknorpelte Fasern im Bindegewebe einiger Thiere. *pp. 7.*
See Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1897, no. 45, 59 & 65. 8⁰. 1898.

Studnička (František K.) Zur Kritik einiger Angaben über die Existenz eines Parietalauges bei *Myxine glutinosa. pp. 4. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1898, no. 21. 8⁰. 1899.

Studnička (František K.)
Ueber einige Modificationen des Epithelgewebes (Schmelzpulpa der Wirbelthier-Zahnanlage, die Hornzähne der Cyclostomen, die Epidermis von *Ophidium barbatum*, etc.) *pp. 22 : text illust.*
Ueber Flimmer und Cuticularzellen, mit besonderer Berücksichtigung der Centrosomenfrage. *pp. 22 : 1 pl.*
Der "Reissner'sche Faden" aus dem Centralkanal des Rückenmarkes und sein Verhalten in dem Ventriculus (Sinus) terminalis. *pp. 10 : text illust.*
Ueber den feineren Bau der Parietalorgane von *Petromyzon marinus*, L. *pp. 17 : 1 pl., text illust.*
Ueber das Ependym des Centralnervensystems der Wirbelthiere. *pp. 7.*
See Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1899, no. 14, 35, 36, 37 & 45. 8⁰. 1900.

Studnicka (František K.) Beiträge zur Kenntniss der Ganglienzellen. 3 Pt. *illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1900, no. 16 ; 1901, no. 15 ; 1903, no. 41. 8⁰. 1901–04.

Studnička (František K.)
Ueber eine eigenthümliche Form des Sehnerven bei *Syngnathus acus. pp. 9 . text illust.*
Ueber die erste Anlage der Grosshirnhemisphären am Wirbelthiergehirne. *pp. 33 : text illust.*
See Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1901, no. 11 & 14. 8⁰. 1902.

Studnička (František K.) Die Analogien der Protoplasma-Faserungen der Epithel- und Chordazellen mit Bindegewebefasern. *pp. 9 : 1 pl. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1902, no. 48. 8⁰. 1903.

Studnička (František K.) Exoplasma oder Metaplasma? *pp. 10. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1907, no. 24. 8⁰. 1908.

STUDNITZ (Arthur von) Gold : legal regulations for the Standard of Gold and Silver wares in different countries of the world. Translated . . . by Mrs. Brewer . . . With notes and additions by E. W. Streeter . . . Sixth edition, *&c. pp. xii, 140 : 2 pls. (col.), 1 map.* 8⁰. *London*, 1878.
The German original appeared in 1875, and the first edition of this translation, dated 1877, was issued late in 1876.

STUEBEL (Moritz Alphons) [1835–1904] Coleopteren gesammelt in . . . 1868–77 auf einer Reise durch Süd Amerika, *&c. pp. 58 : 4 pls. col. See* Dresden.—koeniglicher zoologischer und anthropologisch-ethnographischer museum. Abhandlungen, *&c.* 1888–89, no. 4. 4⁰. 1889.

Stuebel (M. A.) W. Reiss und A. Stübel, Reisen in Süd-Amerika. Lepidopteren gesammelt auf einer Reise durch Colombia, Ecuador, Perú, Brasilien, Argentinien und Bolivien in . . . 1868–77 von A. Stübel. Bearbeitet von G. Weymer und P. Maassen. *pp. xi, 182 : 9 pls. col.* 4⁰. *Berlin*, 1890.
Printed in double column.

Stuebel (M. A.) Ein Wort über den Sitz der vulkanischen Kräfte in der Gegenwart. *See* Leipsic.—*Museum fuer Voelkerkunde.* 4⁰. 1901.

Stuebel (M. A.) Ueber die genetische Verschiedenheit vulkanischer Berge : eine Studie zur wissenschaftlichen Beurtheilung der Ausbrüche auf den Kleinen Antillen im Jahre 1902. *See* Leipsic.—*Museum fuer Voelkerkunde.* 4⁰. 1903.

Stuebel (M. A.) Karte der Vulkanberge Antisana, Chacana, Sincholagua, Quilindaña, Cotopaxi, Rumiñahui und Pasochoa, *&c. See* Leipsic.—*Museum fuer Voelkerkunde.* 4⁰. 1903.

Stuebel (M. A.) Rückblick auf die Ausbruchsperiode des Mont Pelé auf Martinique, 1902 bis 1903, vom theoretischen Gesichtspunkte aus. *See* Leipsic.—*Museum fuer Voelkerkunde.* 4⁰. 1904.

Stuebel (M. A.) Die Vulkanberge von Colombia . . . Ergänzt und herausgegeben von T. Wolf. *pp. [iv,] 154 : 37 pls., 3 maps (1 col.)* 4⁰. *Dresden*, 1906.

Stuebel (M. A.) Die Insel Madeira : photographische Wiedergabe einer Reliefkarte zur Erläuterung des vulkanischen Baues dieser Insel. Mit einem Begleitwort von A. Stübel. Nach dessen Tode herausgegeben von W. Bergt. *pp. v, 11 : 7 pls.* 4⁰. *Leipzig*, 1910.
Veröffentl. Städt. Mus. Landerk. Leipzig. Hft. xi.

Stuebel (M. A.) & **Reiss** (J. W.) Ausflug nach den vulkanischen Gebirgen von Aegina und Methana im Jahre 1866, *&c. See* Reiss (J. W.) & Stuebel (M. A.) 8⁰. 1867.

Stuebel (M. A.) & **Reiss** (J. W.) Geschichte und Beschreibung der vulkanischen Ausbrüche bei Santorin von der ältesten Zeit bis auf die Gegenwart, *&c. See* Reiss (J. W.) & Stuebel (M. A.) 8⁰. 1868.

Stuebel (M. A.) & **Reiss** (J. W.) Reisen in Süd-Amerika. Lepidopteren gesammelt auf einer Reise . . . in . . . 1868–77, *&c. See* Stuebel (M. A.) 4⁰. 1890.

Stuebel (M. A.) & **Reiss** (J. W.) Reisen in Süd-Amerika. 5 Vol. *illust. See* Reiss (J. W.) & Stuebel (M. A.) 4⁰. 1892–1902.

Stuebel (M. A.) & **others.** Santorin. Die Kaimeni-Inseln dargestellt, *&c. See* Fritsch (K. W. G. von) & *others.* fol. 1867.

STUERTZ (Bernhard) Ueber versteinerte und lebende Seesterne. *pp. 92 : 1 pl.* 8⁰. [*Bonn*, 1893 ?]
Verhandl. Naturh. Ver. Preuss. Rheinl. Bd. L.

Stuertz (B.) Ein weiterer Beitrag zur Kenntnis palaeozoischer Asteroiden. 8⁰. [*Bonn*, 1899.]
Verhandl. Naturh. Ver. Preuss. Rheinl. Bd. LVI, *pp. 176–240 : 3 pls.*

STUHLMANN (Franz Ludwig) [1863–] Die Reifung des Arthropodeneies nach Beobachtungen an Insekten, Spinnen, Myriapoden und *Peripatus. pp. 128 : 6 pls., text illust. See* Freiburg-in-Breisgau.—naturforschende gesellschaft. Berichte, *&c.* Bd. I, hft. 5–12. 8⁰. 1886.

Stuhlmann (F. L.) Zur Kenntniss der Ovariums der Aalmutter (*Zoarces viviparus*, Cuv.). *pp. 48 : 4 pls. See* HAMBURG. — NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. x, no. 12. 4⁰. 1887.

Stuhlmann (F. L.) Zoologische Ergebnisse einer in den Jahren 1888–90 . . . von . . . F. Stuhlmann in die Küstengebiete von Ost-Afrika unternommenen Reise. 2 Bd. 8⁰. *Berlin*, (1891–) 1893–1901.

Bd. I.
1. Säugethier-Fauna. Von T. Noack. *pp. 88 : 2 pls. (1 col.)* 1891.
2. Vögel. Von A. Reichenow. *pp. 27.* 1893.
3. Reptilien und Amphibien. Von G. Pfeffer. *pp. 37 : 2 pls.* 1893.
4. Fische. Von G. Pfeffer. *pp. 49 : 3 pls.* 1893.
5. Termiten, Odonaten und Neuropteren. Von A. Gerstäcker. *pp. 9.* 1891.
6. Hemipteren. Von A. Gerstäcker. *pp. 16.* 1892.
7. Hydrachniden. Von F. Koenike. *pp. 55 : 3 pls.* 1893.
8. Terricolen von Sansibar und dem Deutschen Schutzgebiet. Von W. Michaelsen. *pp. 72 : 4 pls.* 1891.
9. Terricolen vom Victoria-Nyansa. Von W. Michaelsen. *pp. 14 : 1 pl.* 1892.
10. Gephyreen. Von W. Fischer. *pp. 11 : 1 pl.* 1892.

Bd. II.
1. Hymenopteren. Von F. F. Kohl. *pp. 13 : 1 pl.* 1893.
2. Formiciden. Von G. Mayr. *pp. 9.* 1893.
3. Dipteren. Von V. von Röder. *pp. 4.* 1893.
4. Lepidopteren. Von A. Pagenstecher. *pp. 56.* 1893.
5. Süsswasser-Ostracoden Zanzibar's. Von V. Vávra. *pp. 23 : text illust.* 1895.
6. Spinnen. Von W. Bösenberg und H. Lenz. *pp. 27 : 2 pls.* 1895.
7. Gamasiden. Von P. Kramer. *pp. 15 : 1 pl.* 1895.
8. Süsswasser-Copepoden. Von S. A. Poppe und A. Mrázek. *pp. 12 : 2 pls.* 1895.
9. Medusen und Siphonophoren. Von C. Chun. *pp. 19 : 1 pl. col., text illust.* 1896.
10. Myriopoden. Von Graf Attems. *pp. 22 : 1 pl.* 1896.
11. Echiniden, Asteriden, und Ophiuriden. Von G. Pfeffer. *pp. 6.* 1896.
12. Holothurien. Von K. Lampert. *pp. 23 : text illust.* 1896.
13. Coleopteren. Von H. J. Kolbe. *pp. 29 : 1 pl.* 1897.
14. Polychæten. Von E. Ehlers. *pp. 8.* 1897.
15. Mollusken. Von E. von Martens. *pp. 8.* 1897.
16. Alcyonaceen. Von W. May. *pp. 38.* 1898.
17. Süsswasserschwämme. Von W. Weltner. *pp. 13 : 1 pl., text illust.* 1898.
18. Cladoceren. Von W. Weltner. *pp. 12 : text illust.* 1898.
19. Actinien. Von O. Carlgren. *pp. 124 : 7 pls. (3 col.), text illust.* 1900.
20. Oxfordfauna. Von A. Tornquist. *pp. 26 : 3 pls.* 1893.
21. Steinkorallen. Von E. von Marenzeller. *pp. 18 : 1 pl.* 1901.
22. Orthopteren. Von M. von Brunn. *pp. 73.* 1901.

Jahrb. Hamburg. Wissensch. Anstalt. Bd. I–X, XII–XV, XVII & XVIII.

Stuhlmann (F. L.) Mit Emin Pascha ins Herz von Afrika. Ein Reisebericht mit Beiträgen von . . . Emin Pascha, in seinem Auftrage geschildert, *&c. See* DEUTSCH-OST-AFRIKA. 8⁰. 1894 [*i.e.* 1893].

Stuhlmann (F. L.) Beiträge zur Kenntnis der Tsetsefliege (*Glossina fusca* und *Gl. tachinoides*). *pp. 83 : 4 pls. (col.), text illust.* 8⁰. *Berlin*, 1907.

Arbeit. Kaiserl. Gesundheitsamte. Bd. XXVI.

Stuhlmann (F. L.) Beiträge zur Kulturgeschichte von Ostafrika, *&c. See* DEUTSCH-OST-AFRIKA. Bd. x. 8⁰. 1909.

STUKELEY (WILLIAM) [1687–1765] The Philosophy of Earthquakes, natural and religious. Or an inquiry into their cause, and their purpose . . . Second edition. To which is added, Part II on the same subject. 2 Pt. 8⁰. *London*, 1750.

The first edition, consisting of Pt. I only, appeared in the same year.

STUMMER-TRAUNFELS (RUDOLF VON) Arktische Myzostomen . . . Mit einem Anhang: Ueber den Bau der Borstendrüsen bei *Myzostoma gigas*, Graff. *See* ROEMER (F.) & SCHAUDINN (F.) Fauna Arctica, *&c.* Bd. v, lief. 1. 4⁰. 1910.

STUMPF (JOHANN GEORG) [1750–1798] An Essay on the practical history of Sheep in Spain, and of the Spanish Sheep in Saxony, Anhalt Dessau, &c. . . . Translated from the German, by . . . Dr. Lanigan, *&c. See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. I, pt. 1. 8⁰. 1800.

STUPANUS (EMMANUEL) Parentalia . . . C. Bauhini . . . et oratione panegyrica ab E. Stupano, *&c. pp. 32.* 4⁰. *Basileæ*, 1625.

STUPPER (C. L.) Medicinisch-pharmaceutische Botanik, oder Beschreibung und Abbildung sämmtlicher in der neuesten k. k. Oesterr. Landes-Pharmacopöe vom Jahre 1836 aufgeführten Arzneipflanzen, *&c.* 2 Bd. [in 1.] *pp. 248 : 120 pls. col.* 4⁰. *Wien*, 1841–43.

STUR (DIONYS RUDOLF JOSEF) [1827–1893] Geologie der Steiermark. Erläuterungen zur geologischen Uebersichtskarte des Herzogthumes Steiermark, Graz, 1865, *&c. pp. xxxi, 654, 1 tab. : 2 pls., text illust.* 8⁰. *Graz*, 1871.

Stur (D. R. J.) Beiträge zur Kenntniss der Flora der Vorwelt. 2 Bd. *See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. VIII & XI. 4⁰. 1875–87.

Bd. I. Die Culm-Flora. *pp. xiv (iv,) 472 : 46 pls. (2 col.), 1 map, text illust.*
Hft. 1. Die Culm-Flora des Mährisch-Schlesischen Dachschiefers. 1875.
,, 2. Die Culm-Flora der Ostrauer und Waldenburger Schichten. 1877.
,, II. Die Carbon-Flora der Schatzlarer Schichten.
Abth. 1. Die Farne der Carbon-Flora der Schatzlarer Schichten. *pp. 418 : 49 pls., text illust.* 1885.
,, 2. Die Calamarien der Carbon-Flora der Schatzlarer Schichten. *pp. 240 : 26 pls., text illust.* 1887.

Stur (D. R. J.) Beitrag zur Kenntniss der Flora des Kalktuffes und der Kalktuff-Breccie von Hötting bei Innsbruck. *See* AUSTRIA-HUNGARY. — KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. XII, no. 2. 4⁰. 1886.

Stur (D. R. J.) Geologische Special-Karte der Umgebung von Wien . . . Revision von D. Stur . . . 1889–90 [Masstab 1 : 750,000, *i.e.* 1 in. = 11¾ m. about]. 6 sh. (—Erläuterungen.) *See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. s.sh. & 8⁰. 1894.

Stur (D. R. J.) & **Zugmayer** (H.) Die Excursion nach dem Piestingthale und der Neuen Welt. *See* HAUER (F. R. VON) & NEUMAYR (M.) Führer zu den Excursionen der Deutschen Geologischen Gesellschaft, *&c.* IV. 8⁰. 1877.

STURANY (RUDOLF) Die Coxaldrüsen der Arachnoideen. *pp. 22 : 2 pls. See* VIENNA. — KAISERLICH-KOENIGLICHE UNIVERSITAET. Arbeiten aus dem Zoologischen Institut, *&c.* Tom. IX, hft. 2. 8⁰. 1891.

Sturany (R.) Ueber die Molluskenfauna Centralafrikas. *See* BAUMANN (O.) Durch Massailand zur Nilquelle, *&c.* Anhang III. 8⁰. 1894.

Sturany (R.) [Mollusca from northern Asia.] *See* ZICHY (J.) *Count.* Zichy J. Gróf. Harmadik Ázsiai Utazása, *&c.* Bd. II. 4⁰. 1901.

STURLER (W. L. DE) Handboek voor den Landbouw in Nederlandsch Oost-Indië. Overzigt van de kweeking en behandeling der voornaamste voortbrengselen uit het Plantenrijk in de Keerkringslanden. (Naar aanleiding van G. R. Porter's Tropical Agriculturist.) *pp. xiv, 1176 : 1 pl., text illust.* 8⁰. *Leiden*, 1863.

Sturler (W. L. DE) Catalogue descriptif des Espèces de Bois de l'Archipel des Indes Orientales (Collection de Sturler) exposées à l'Exposition internationale de 1867 à Paris. *pp. 86.* 8⁰. *Leide*, 1867.

STURM (FR.) J. A. Naumann's Naturgeschichte der Vögel Deutschlands. Fortsetzung der Nachträge . . . von . . . F. Sturm, *&c. See* NAUMANN (J. A.) 8⁰. 1860.

STURM (JACOB) [1771–1848] Insecten-Cabinet nach der Natur gezeichnet und gestochen. 4 Stük. 12⁰. *Nürnberg*, 1791–92.

Title from cover. Each Stück contains 25 copper-plate engravings (5 × 4 inches) coloured by hand.

Sturm (Jacob) Verzeichniss meiner Insecten-Sammlung, *&c. pp. 64 : 4 pls. col.* 12⁰. *Nürnberg*, 1796.
Printed in double column.
Absch. 1. Alphabetisches Verzeichniss meiner Insecten Sammlung.
,, 2. Beschreibungen nebst Abbildungen einiger Insecten aus meiner Sammlung.

—— [Another edition of Abschnitt 1.] *pp. 16.* 12⁰. (*Nürnberg*,) 1798.

Sturm (Jacob) Deutschlands Fauna in Abbildungen nach der Natur, mit Beschreibungen. (Fortgesetzt [Abth. v, hft. 20–23] von J. H. C. F. Sturm.) 4 Abth. 8⁰. *Nürnberg*, 1797–1857.

Abth.
II. Die Vögel. Bearbeitet von J. H. C. F. und J. W. Sturm.
Hft. 1–3. *18 pls. col., with descriptive letterpress.* 1829–34.
Wanting Pt. I.
[Hft. 2. *Parus & Columba* is by C. Michahelles.
,, 3. *Falco, Pyrrhocorax & Sterna*, by J. G. Wagler.]
III. Die Amphibien. Hft. 1–6. *col. illust.* 1797–1828.
[Hft. 2–4 by J. Wolf, including *Coluber prester, C. chersea, C. tesselatus* [sic] & *Lacerta montana* by J. C. Mikan. Introduction and Hft. 5 & 6 by L. C. Koch.]
V. Die Insecten. 23 Bd. [in 6.] Atlas, *424 pls. col.* [in 2 Vol.] 1805–57.
[Each Bd. has a separate title, which reads "Deutschlands Insecten . . . Käfer."
Bd. XVII, "Trichopterygia . . . Von C. J. F. Gillmeister, 1845," was also issued independently.]
VI. Die Würmer. 8 Hft. *illust.* 1803–29.
[The "Vorerinnerung" is signed by J. Wolf, and Hft. 1 was issued in collaboration with him.
Hft. 3 & 4, by J. W. Voith, have each a title which reads: "Systematische Eintheilung der Land- und Fluss-Weichthiere nach ihren wesentlichen Kennzeichen vorzüglich von der Schale. (Aus Histoire naturelle des Mollusques terrestres et fluiratiles [*sic*] de la France. Par J. P. R. Draparnaud.)"
Hft. 5–8, by J. D. W. Hartmann von Hartmannsruthi, have a covering title, which reads: "System der Erd- und Süsswasser-Gasteropoden Europa's. In besonderer Hinsicht auf diejenigen Gattungen, welche in Deutschland und der Schweitz angetroffen werden."]

Sturm (Jacob) Deutschlands Flora in Abbildungen nach der Natur, mit Beschreibungen. (Herausgegeben) Von J. Sturm. (Fortgesetzt [Abth. I, hft. 93–96 & Abth. III, hft. 31–36] von J. W. Sturm.) 31 Bdchn. [in 27.] 12⁰. *Nürnberg*, (1797–) 1801–62.
Abth. I, hft. 1 is of the second edition.
Abth.
I. [Phanerogamia.] 20 Bdchn. [in 16.]
Several of the genera are separately treated by different authors, and have distinct title-pages as follows:—
Trifolium. "Die Kleearten Deutschlandes . . . mit Beschreibungen von . . . Von Schreber . . . Prof. Hoppe und dem Herausgeber." Hft. 15, 16. 1804.
Vicia & Ervum. "Die Wicken Deutschlandes . . . mit Beschreibungen von D. H. Hoppe." Hft. 31, 32. 1811.
Saxifraga. By Count C. Sternberg. Hft. 33 & 35. 1812–13.
Myosotis, Echinospermum, &c. "Die Vergissmeinnichtarten . . . beschrieben von H. G. L. Reichenbach." Hft. 42, 43. 1822–23.
Carex. "Caricologia Germanica, oder Beschreibungen und Abbildungen aller in Deutschland wildwachsenden Seggen . . . von D. H. Hoppe und J. Sturm." Hft. 47, 50, 53, 55, 57, 61, 69. 1827–35.
Cyperaceæ et *Juncaceæ.* [By D. H. Hoppe.] Hft. 9, 10, 13, 28, 36–40, 44, 52, 71, 77, 78, 85, 86. 1801–40.
Draba. [By D. H. Hoppe.] Hft. 60 & 65. 1832, 34.
Hft. 63, 64, 66–68, 70, 72–76, 79–84, 87–92. [By W. D. J. Koch.] 1833–46.
"Uebersicht der in J. Sturm's . . . Flora, I. Abtheilung, Hft. 1–75, enthaltenen phanerogamischen Pflanzen Nach [W. D. J.] Koch's Synopsis Floræ Germanicæ et Helveticæ systematisch geordnet," *&c.* Hft. 76. 1839.
Hft. 93–96. [By J. W. Sturm.] 1849–55.
II. Cryptogamie. 5 Bdchn.
Hft. 3, 4, 6–8. [By D. H. Hoppe.] 1799–1805.
,, 9–11. [By O. C. Blandow.] 1809–10.
,, 11–14. [By J. G. W. Voit.] 1810–13.
,, 15, 16. [By G. F. Kaulfuss.] 1815–18.
,, 17. [By H. C. Funck.] 1819.
,, 18, 21, 25. [By A. C. J. Corda.] 1829–33.
Jungermannia. "Deutschlands Jungermannien, monographisch bearbeitet von A. C. J. Corda." Hft. 19, 20, 22, 23, 26, 27. 1830–35.
Lichenes. "Die Flechten, bearbeitet von Dr. Laurer." Hft. 24, 28, 29. 1832–35.
Algæ. "Deutschlands Algen. Bearbeitet von A. C. J. Corda." Hft. 30 & 31. 1839.
III. Die Pilze Deutschlands. 6 Bdchn.
Hft. 1–4. Bearbeitet von L. P. F. Ditmar. 1813–17.
,, 5, 10, 16–18, 21–24, 27 & 28. Bearbeitet von F. W. T. Rosikovius. 1828–48.
,, 6–9, 11–15, 19, 20. Bearbeitet von A. [C.] J. Corda. 1828–41.
,, 25, 26, 29, 30, 35, 36. Bearbeitet von C. G. Preuss. 1848–62.
,, 31, 32. Bearbeitet von A. Schnizlein. 1851.
,, 33, 34. Bearbeitet von F. von Strauss. 1853.

Sturm (Jacob) Verzeichniss meiner Insecten-Sammlung, oder Entomologisches Handbuch, *&c.* Hft. I.† *pp. xvi, 112 [4] : 4 pls. col.* 8⁰. *Nürnberg*, 1800.
Quite a distinct publication from those of 1796 and 1798.

Sturm (Jacob) Flore Germanique . . . Enrichie des figures coloriées de la Flore Germanique de J. Sturm, *&c.* *See* Delavigne (G. F.) 12⁰. 1801–02.

Sturm (Jacob) Abbildungen zu K. Illiger's Uebersetzung von Olivier's Entomologie . . . Käfer. [With descriptive text.] 2 Thl. [in 3.] 4⁰. *Nürnberg*, 1802–03.

Sturm (Jacob) Verzeichniss einiger zum Tausch vorräthiger Insecten. [*pp. 8.*] 8⁰. *Nürnberg*, 1804.
Printed in treble column.

Sturm (Jacob) Catalog meiner Insecten-Sammlung. (Verzeichniss der . . . vorräthigen Insecten.) Thl. I.† Käfer. *pp. viii, 207 (16) : 4 pls. col.* 8⁰. *Nürnberg*, 1826.

Sturm (Jacob) Catalog der Käfer-Sammlung von J. Sturm. *pp. xii, 386 : 6 pls. col.* 4⁰. *Nürnberg*, 1843.
Printed in double column.

Sturm (Jacob) & **Hoppe** (D. H.) Caricologia Germanica, oder Beschreibungen und Abbildungen aller in Deutschland wild wachsenden Seggen, *&c.* *See* Sturm (J.) Deutschlands Flora, *&c.* Abth. I, hft. 47, 50, 53, 55, 57, 61, 69. 12⁰. 1827–35.

Sturm (Jacob) & **others.** Die Kleearten Deutschlandes, *&c.* *See* Sturm (J.) Deutschlands Flora, *&c.* Abth. I, hft. 15, 16. 12⁰. 1804.

Sturm (Jacob) & **others.** Bryologia Germanica . . . von . . . C. G. Nees von Esenbeck . . . und J. Sturm, *&c.* *See* Nees von Esenbeck (C. G. D.) *& others.* 8⁰. 1823.

STURM (Joannes Guilielmus) *See* Sturm (Johann W.)

STURM (Johann Heinrich Christian Friedrich) [1805–1862] Deutschlands Fauna . . . Fortgesetzt von J. H. C. F. Sturm. Abth. V, hft. 20–23. *See* Sturm (Jacob). 12⁰. 1847–57.

Sturm (Johann H. C. F.) & (J. W.) Deutschlands Fauna . . . II. Abtheilung. Die Vögel. Hft. 1–3. *See* Sturm (Jacob). 8⁰. 1829–34.

STURM (Johann Wilhelm) [1808–1865.] Deutschlands Flora . . . Fortgesetzt von J. W. Sturm. Abth. I, hft. 93–96, & Abth. III, hft. 31–36. *See* Sturm (Jacob). 12⁰. 1849–62.

Sturm (Johann W.) Ophioglosseæ, Marattiaceæ, Osmundaceæ, Schizæaceæ, Gleicheniaceæ, Hymenophylleæ. *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. I, pt. 2. fol. 1859.

Sturm (Johann W.) Enumeratio Plantarum Vascularum Cryptogamicarum Chilensium. Ein Beitrag zur Farn-Flora Chile's. *pp. 52.* 8⁰. *Nürnberg*, 1858.
Abhandl. Naturh. Gesell. Nürnberg. Hft. II.

Sturm (Johann W.) & **Schnizlein** (A. C. F. H. C.) Verzeichniss der phanerogamen und gefässkryptogamen Pflanzen in der Umgegend von Nürnberg und Erlangen . . . Zweite . . . Auflage. *pp. xii, 137 [2].* 8⁰. *Nürnberg*, 1860.
The first edition appeared in 1847.

Sturm (Johann W.) & **Sturm** (Johann H. C. F.) Deutschlands Fauna . . . II. Abtheilung. Die Vögel. Hft. 1–3. *See* Sturm (Jacob). 8⁰. 1829–34.

STURT (CHARLES) [1795–1869] [Two expeditions into the interior of Southern Australia, during . . . 1828–31: with observations on the soil, climate, and general resources of the colony of New South Wales. 8⁰. *London*, 1833.]

Wanting.

—— Second edition. 2 Vol. *illust.* 8⁰. *London*, 1834.

Vol. I. Appendix IV. List of Geological Specimens, collected . . . during the first expedition.
,, II. Appendix I. Geological Specimens found to the south-west of Port Jackson.

Sturt (C.) Narrative of an expedition into central Australia . . . during . . . 1844–6. Together with a notice of the Province of South Australia in 1847 [and a short account of Mr. Kennedy's survey of the River Victoria]. 2 Vol. *illust., & map.* 8⁰. *London*, 1849.

The Appendix to Vol. II contains the Natural History: the Botanical portion is by R. Brown.

Sturt (C.) Botanical Appendix to . . . Sturt's Expedition into Central Australia. *See* BROWN (R.) *of the British Museum.* 8⁰. [1849.]

STUTCHBURY (SAMUEL) [1797–1859] Observations on a few of the most remarkable Shells collected by . . . S. Stutchbury on the coast of some of the Islands of the Australasian and Polynesian groups, together with descriptions of a few new species. *See* SOWERBY (G. B.) *1st of the name.* 8⁰. [1829 ?]

Issued as an appendix to a sale catalogue of Polynesian Shells, of which catalogue no trace can now be found.

STUTTGART. Flora Stuttgardiensis. Oder Verzeichnis der um Stuttgart wildwachsenden Pflanzen [by J. S. Kerner]. *pp. [iv,] 402.* 8⁰. *Stuttgart*, 1786.

STUTTGART.—*Internationaler Phytopathologischer Dienst.*
Zeitschrift zur Pflege der internationalen Entwicklung des Pflanzenschutzes. Herausgegeben von . . . P. Sorauer. Jahrg. I, stück 1–4.† *pp. 124 : 3 pls. (1 col.), text illust.* 8⁰. *Stuttgart*, 1908.

Issued as a supplement to Bd. XVIII (1908) of the "Zeitschrift für Pflanzenkrankheiten," *&c.* [*q.v.*]

STUTTGART.—Centralkommission fuer wissenschaftliche Landeskunde von Deutschland.
Forschungen zur Deutschen Landes- und Volkskunde . . . herausgegeben von R. Lehmann ([and afterwards] A. Kirchhoff). Bd. I–XVI. 8⁰. *Stuttgart*, 1885–1907.

Each part contains a separately-paged paper.

STUTTGART.—Koenigliches Naturalien-Kabinett. [Founded *c.* 1650.]
Mittheilungen, *&c.* No. 1→ 8⁰. & 4⁰. *Stuttgart*, 1896→

Reprints, with original pagination, from various scientific publications.

Stuttgart.—Koenigliches Naturalien-Kabinett.
Ueber einige neue und seltene Fisch-Arten aus den K. K. Zoologischen Museen zu Wien, Stuttgart, *&c.* *See* STEINDACHNER (F.) 4⁰. 1879.

Stuttgart.—Koenigliches Naturalien-Kabinett.
Führer . . . I. Die geognostische Sammlung Württembergs im Parterre-Saal . . Zweite Auflage. *pp. 84 : 8 pls., text illust.* 8⁰. *Stuttgart*, 1906.

Stuttgart.—Koenigliches Naturalien-Kabinett.
Ueber *Mus sylvaticus*, L., *Mus wagneri*, Eversm., und *Mus minutus*, Pall., in den Museen zu Helsingfors und Stuttgart. Von . . . M. Hilzheimer. *pp. 19. See* HELSINGFORS.—SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XXXIV, no. 10. 8⁰. 1911 (1912).

STUTTGART.—Oberrheinischer Geologischer Verein. [Founded 1871.]
Bericht über die . . . Versammlung, *&c.* XV→ 8⁰. *Stuttgart* [1882→].

STUTTGART.—Verein für vaterländische Naturkunde in Württemberg. [Founded 1844.]
Jahreshefte, *&c.* Jahrg. I→ 8⁰. & 4⁰. *Stuttgart*, 1845, *&c.*

From 1845 to 1878 the wrapper bore the alternative title "Württembergische naturwissenschaftliche Jahreshefte," *&c.* The plates to Jahrg. VIII, hft. 3; X, hft. 2; XVIII, hft. 2 & 3; and the 3rd Hft. of Jahrg. XXXIII are in 4⁰ size. There is a general Index to Jahrg. I–XX at the end of the 20th, and one to Jahrg. I–XXXIX at the end of the 39th Jahrg.
Separate supplements were issued with Jahrg. LVIII→

STUTTGART.—Wuerttembergischer Naturhistorischer Reiseverein.
Schriften, *&c.* Thl. I.† *pp. x, 215.* 8⁰. *Stuttgart*, 1834.

Contains:—'W. Schimper's Reise nach Algier in . . . 1831 und 1832,' *&c.*

STUTZ (ULRICH) [1826–1895] Ueber die Lägern. Ein Beitrag zur Geologie des Kantons Zürich. [By U. Stutz.] *pp. 37 : 2 pls., 1 map. See* ZURICH.—NATURFORSCHENDE GESELLSCHAFT. An die Zürcherische Jugend, *&c.* Stück LXVI. 4⁰. 1864.

STUTZER (OTTO) [1881–] Die wichtigsten Lagerstätten der "Nicht-Erze" . . . Erster Teil: Graphit, Diamant, Schwefel, Phosphat. *pp. xv, 474 : text illust.* 8⁰. *Berlin*, 1911.

STUXBERG (ANTON JULIUS) [1849–1902] Karcinologiska Iakttagelser. *pp. 23 : 1 pl.* 8⁰. *Stockholm*, 1874.

Öfvers. k. Svensk. Vet. Akad. Förhandl. 1873.

Stuxberg (A. J.) A List of North American Lithobioidæ. [*pp. 4.*] 8⁰. *Upsala*, 1875.

Stuxberg (A. J.) Erinringar från Svenska Expeditionerna till Novaja Semlja och Jenissej, 1875 och 1876. *pp. 112 : 1 map.* 8⁰. *Stockholm*, 1877.

Stuxberg (A. J.) Evertebratfaunan i Sibiriens ishaf, *&c.* *pp. 76 : 1 map. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. V, no. 22. 8⁰. 1880.

Stuxberg (A. J.) Evertebratfaunan i Sibiriens ishaf. *See* NORDENSKIÖLD (N. A. E. VON) Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. I. 8⁰. 1882.

Stuxberg (A. J.) Faunan på och kring Novaja Semlja. *See* NORDENSKIÖLD (N. A. E. VON) Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. V. 8⁰. 1887.

Stuxberg (A. J.) Myriopoden aus der Krim und dem Kaukasus von . . . A. Stuxberg gesammelt, *&c.* *pp. 16 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 25. 8⁰. 1907.

Meddelande från Göteborgs Museums Zoologiska Afdelning.

Stuxberg (A. J.) & **Eisen** (A. G.) Gotlands Fanerogamer och Thallogamer, *&c.* *See* EISEN (A. G.) & STUXBERG (A. J.) 8⁰. 1869.

STYRIA. [*Maps.*] Geologische Karte der Umgebungen von Leoben und Judenburg. Bearbeitet von A. v. Morlot. Maassstab 1 : 144,000 [*i.e.* 1 in. = 2¼ m. about]. s.sh. *col.* [*Vienna,*] 1848.

SUBALPINO, *Il.* Giornale di Scienze, Lettere ed Arti. Vol. I & II; Ann. II, vol. I & II; Ann. III, vol. I & II. 8⁰. *Torino*, [1836–] 1837–38.

[*Continued as:*]

—— Rivista Italiana. Serie seconda, vol. I & II.† 8⁰. *Torino*, 1839.

SUBBA RAO (C. K.) & **Benson** (C.) The Great Millet or Sorghum in Madras. 8⁰. *Madras*, 1906.

Dept. Land Records & Agric., Madras. Agric. Branch. Vol. III (Bull No. 55). *pp. 53–122.*

SUBER (Theodor. Isac.) Conspectus Vegetationis Lapponiæ . . . p. p. N. J. Anderson & T. I. Suber, *&c.* *See* Andersson (N. J.) 8⁰. 1846.

SUBSTITUTE, The; or Entomological Exchange Facilitator, and Entomologist's fireside companion, for 1856–57. No. 1–20.† 12⁰. *London*, [1856–] 1857.

Printed in double column.
Issued as a substitute for the "Entomologists' Weekly Intelligencer" during the period when that work suspended publication.

SUB-WEALDEN EXPLORATION. The Sub-Wealden exploration. [By W. B. Dawkins.] *pp. 18.* 8⁰. *Brighton*, 1872.

Reprinted from the "Brighton Daily News."

SUCCOW. *See* Suckow.

SUCHETET (André) [1849–] Histoire du Bimaculated Duck de Pennant, confondu longtemps avec l'*Anas glocitans* de Pallas, et notes sur plusieurs autres oiseaux du même genre. *pp. v, 48 : 4 pls. (2 col.)* 8⁰. *Lille*, 1894.

SUCKLEY (George) [1830–] [Reports on Mammals, Water Birds and Fishes.] *See* United States.—*Pacific Railroad Survey.* Reports, *&c.* Vol. I, Suppt. pt. 3. 4⁰. 1859.

—— [Another issue.] *See* United States.—*Pacific Railroad Survey.* Reports, *&c.* Vol. XII, pt. 3. 4⁰. 1860.

—— [Another issue.] *See* Suckley (G.) & Cooper (J. G.) The Natural History of Washington Territory and Oregon, *&c.* 4⁰. 1860.

The first 100 copies of this issue appeared in 1859.

Suckley (G.) & **Cooper** (J. G.) The Natural History of Washington Territory and Oregon, with much relating to Minnesota, Nebraska, Kansas, Utah, and California, between the thirty-sixth and forty-ninth parallels of latitude . . . with full catalogues and descriptions of the Plants and Animals collected from 1853–60 . . . This edition contains a new Preface . . . a classified Table of Contents [some additional Plates] and the latest additions and corrections by the authors. 2 Pt. [in 1 Vol.] *illust.* 4⁰. *New York, &c.*, [1859–] 1860.

Contains :—
Preface, *&c. pp. xvii.*
Pt. II. Botanical Report. *pp. 72 : 6 pls.* 1859.
1. Botany. By J. G. Cooper.
2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
3. Catalogue of Plants collected in Washington Territory. By J. G. Cooper.
,, III. Zoological Report. *pp. viii, 399 & 72 a–d : 54 pls. (col.)* 1859.
1. Insects. By J. T. [*i.e.* J. L.] Leconte.
2. Mammals. By J. G. Cooper, G. Suckley and G. Gibbs.
3. I. Land Birds. By J. G. Cooper.
,, II. Water Birds. By G. Suckley.
4. Reptiles. By J. G. Cooper.
5. Fishes. By G. Suckley.
6. Mollusca. By W. Cooper.
7. Crustacea. By J. G. Cooper.

This work (printed in 1857) first appeared in 1859 as a supplement to Vol. I of the "Reports" of the "Pacific Railroad Survey" [*q.v.* under United States]. In 1860 it formed "Book 2" of Vol. XII of a re-issue of the same Survey.
Pp. 72 a–d are an addition to Leconte's portion, reprinted from the "Proc. Acad. Nat. Sci. Philad." for 1859.
It appears to have been first published as a separate work in 1859, under the title "Reports on the Natural History, Climate and Physical Geography of Minnesota, Nebraska, Washington and Oregon Territories," *&c.* [*Fide* Amer. Journ. Sci. Ser. II, vol. xxx, 1860, p. 138.]
An edition of 100 copies, including the chapter on the Meteorology, and with the "New Preface," was also issued in 1859 under the title :—"The Natural History of Washington Territory, with much relating to Minnesota, Nebraska," *&c.* [Brit. Mus. Cat. and Preface to the 1860 edition, from which the Meteorology has been omitted.]

Suckley (G.) & **Gibbs** (G.) Report upon . . . Mammals. *See* United States.—*Pacific Railroad Survey.* Reports, *&c.* Vol. I, suppt. pt. 3. 4⁰. 1859.

—— —— [Another edition.] Vol. XII, pt. 3. 4⁰. 1860.

—— [Another issue.] *See* Suckley (G.) & Cooper (J. G.) The Natural History of Washington, *&c.* 4⁰. [1859–] 1860.

SUCKLING (Horatio John) Ceylon : a general description of the Island . . . By an officer late of the Ceylon Rifles [*i.e.* H. J. Suckling]. 2 Vol. *See* S., H. 8⁰. 1876.

SUCKOW (Friedrich Wilhelm Ludwig) [1770–1838] Dissertatio inauguralis medica, sistens myologiæ Insectorum specimen de Astaco fluviatili, *&c. pp. 48 : 2 pls.* 4⁰. *Heidelbergæ*, 1813.

Suckow (F. W. L.) Anatomisch-physiologische Untersuchungen der Insekten und Krustenthiere. *pp. 70 : 11 pls. (col.)* 4⁰. *Heidelberg*, 1818.

Suckow (F. W. L.) Flora Mannhemiensis et vicinarum regionum Cis- et Transrhenandrum. 2 Pt. [in 1 Vol.] 12⁰. *Mannhemii*, 1821–22.

Suckow (F. W. L.) Osteologische Beschreibung des Walls, *&c. pp. 16 : 5 pls.* 4⁰. *Mannheim*, 1837.

Suckow (F. W. L.) Osteologische Beschreibung des Delphin-Schädels, verglichen mit dem Schädel des Walls, *&c. pp. 12 : 4 pls.* 4⁰. *Mannheim* [1838].

SUCKOW (Georg Adolph) [1751–1813] Œkonomische Botanik. Zum Gebrauch der Vorlesungen, *&c. pp.* [*viii,*] *436* [*24*]. 8⁰. *Mannheim & Lautern*, 1777.

Suckow (Georg A.) Anfangsgründe der theoretischen und angewandten Botanik. 2 Thl. [in 3 Vol.] *illust.* 8⁰. *Leipzig*, 1786.

Suckow (Georg A.) Diagnose der Pflanzen-Gattungen nach der neuesten Ausgabe des Linneischen Sexualsystems. *pp. viii, 423.* 8⁰. *Leipzig*, 1792.

Suckow (Georg A.) Anfangsgründe der Mineralogie nach den neuesten Entdeckungen. 2 Thl. 8⁰. *Leipzig*, 1803, 04.

SUCKOW (Gustav) [1803–1867] Commentatio physica de lucis effectibus chemicis in corpora organica et organis destituta, *&c. pp. xv, 92 : 1 pl.* 4⁰. *Jenæ*, 1828.

Suckow (Gustav) Uebersicht der Mineralkörper nach ihren Bestandtheilen. *pp. viii, 64.* 4⁰. *Darmstadt*, 1831.

Suckow (Gustav) System der Mineralogie . . . Nebst einem Anhange, enthaltend die Beschreibung einiger Mineralien des Grossherzogl. Mineralogischen Museums in Jena. *pp. 88 : 2 pls.* 8⁰. *Darmstadt*, 1834.

Suckow (Gustav) Umgegend von Jena. III. Mineralien und Gewässer. *See* Zenker (J. C.) Historisch-topographisches Taschenbuch von Jena, *&c.* 8⁰. 1836.

Suckow (Gustav) Beiträge zur Kenntniss Skandinaviens. Parallele zwischen dem Schwedischen und Norwegischen Urgebirge. *pp.* [*ix,*] *88.* 8⁰. *Jena*, 1841.

Suckow (Gustav) Die Verwitterung im Mineralreiche. Mit Rücksicht auf Agricultur und Technologie. *pp. xii, 272.* 8⁰. *Leipzig*, 1848.

Suckow (Gustav) Die Mineralogie. Mit besonderer Beziehung auf chemisch-genetische und metamorphische Verhältnisse der Mineralien. *pp. xiii, 525.* 8⁰. *Weimar*, 1858.

SUCQUET (J. P.) D'une circulation du sang spéciale au rein des Animaux Vertébrés Mammifères et de la sécrétion des urines qu'elle y produit. *pp. 50* [*1*] : *5 pls. (col.)* 8⁰. *Paris*, 1867.

SUDAN. [*Maps.*] Geognostische Karte von Ost Sudan, umfassend die Länder Kordofan, Nuba, Sennaar, Roserres, Fassokl und el Pert, nebst den angrenzenden Theilen von Dar Fur, Nubien, Abessinien und den Galla Ländern. Nach den Bestimmungen . . J. Russegger, *&c.* [Scale 1 in. = 27⅔ m. about.] s.sh. *col. Stuttgart*, 1846.

Sudan. [*Maps.*] *See* also EGYPT. [*Maps.*]

SUDRE (HENRI) Excursions Batologiques dans les Pyrénées, ou description et analyse des *Rubus* des Pyrénées Françaises. *pp. 219.* 8⁰. *Le Mans*, 1898–1903.
Reprinted from "Bulletin de l'Association Française de Botanique" (1898–1903).

Sudre (H.) Les *Hieracium* du centre de la France, d'après les types de Jordan & de Boreau. *pp. 101 [1].* 8⁰. *Albi*, 1902.
Wanting the plates.
Extrait de la Revue du Tarn, 1902.

Sudre (H.) Batotheca Europæa. Fasc. 1→ 8⁰. *Albi*, 1903→

Sudre (H.) Florule Toulousaine, ou analyse descriptive des Plantes qui croissent spontanément, ou sont cultivées en grand dans la région sous-pyrénéenne de la Haute-Garonne, *&c. pp. 239 : 20 pls.* 8⁰. *Paris, &c.*, 1907.

Sudre (H.) Rubi Europæ, vel monographia iconibus illustrata Ruborum Europæ. Fasc. 1→ *illust.* fol. *Albi*, 1908→
Title from wrapper.

SUDWORTH (GEORGE BISHOP) Check List of the Forest Trees of the United States, their names and ranges. *pp. 144. See* UNITED STATES.—*Department of Agriculture.—Forestry Division.* Bulletin No. 17. 8⁰. 1898.

SUE (JEAN JOSEPH) *the Younger* [1760–1830] A series of engravings [copied from the tables of Sue] representing the bones of the Human Skeleton, *&c. See* MITCHELL (E.) fol. 1819.

—— [Another edition entitled :] The Anatomy of the Bones of the Human Body ; represented in a series of engravings . . . A new edition, *&c. See* MITCHELL (E.) 4⁰. 1829.

SUESS (EDUARD) [1831–] Ueber die Brachiopoden der Kössener Schichten. *pp. 37 : 4 pls.* 4⁰. *Wien*, 1854.
Denkschr. k. Akad. Wissensch. Wien. Bd. VII.

Suess (E.) Ueber die Brachiopoden der Hallstätter Schichten. *pp. 10 : 2 pls.* 4⁰. *Wien*, 1855.
Denkschr. k. Akad. Wissensch. Wien. Bd. IX.

Suess (E.) Notice sur l'appareil brachial des Thécidées . . . traduit de l'Allemand par F. A. de Marshall . . . Et observations sur le même sujet, par E. Deslongchamps. *pp. 22 : 2 pls.* 4⁰. *Caen*, 1855.
Mem. Soc. Linn. Normandie. Vol. X.
A translation of Suess's "Ueber die Brachial-Vorrichtung bei den Thecideen" in the "Sitzungsb. k. Akad. Wissensch. Wien." Bd. XI, 1854.

Suess (E.) Ueber das Wesen und den Nutzen palaeontologischer Studien. Ein Vortrag, *&c. pp. 16.* 8⁰. *Wien & Olmüz*, 1857.

Suess (E.) Sur le *Waldheimia Stoppani* des pétrifactions d'Esino. *See* STOPPANI (A.) Paléontologie Lombarde, *&c.* Sér. I. 4⁰. 1859.

Suess (E.) Ueber die Wohnsitze der Brachiopoden. *pp. 122.* 8⁰. *Wien*, 1859, 60.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. XXXVII & XXXIX.

Suess (E.) Der Boden der Stadt Wien, nach seiner Bildungsweise, Beschaffenheit und seinen Beziehungen zum bürgerlichen Leben. *pp. [vi,] 326 : 1 pl.* 8⁰. *Wien*, 1862.

Suess (E.) [Fossil Brachiopoda of New Zealand.] *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59, *&c.* Geologischer Theil. Bd. I, abth. 2. Fossile Mollusken . . . aus Neu-Seeland, *&c.* 4⁰. 1865.

Suess (E.) Ueber die Cephalopoden-Sippe *Acanthoteuthis*, R. Wagn. *pp. 20 : 4 pls.* 8⁰. [*Vienna*, 1865.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. LI.

Suess (E.) Untersuchungen über den Charakter der Oesterreichischen Tertiärablagerungen. 2 Pt. 8⁰. [*Vienna*,] 1866.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. LIV.

Suess (E.) Note sur le gisement des Térébratules du groupe de la *diphya* dans l'empire d'Autriche. *See* PICTET (F. J.) Mélanges Paléontologiques, *&c.* Tom. I, livr. 3, Appendice. 4⁰. 1867.

Suess (E.) Die Entstehung der Alpen. *pp. iv, 168.* 8⁰. *Wien*, 1875.

Suess (E.) Das Antlitz der Erde. 3 Vol. [in 4] *illust.* 8⁰. *Prag, &c.*, 1883–1909.

—— Namens- und Sachregister, *&c.* 8⁰. *Wien & Leipzig*, 1909.

Suess (E.) The Face of the Earth . . . by E. Suess . . . Translated by H. B. C. Sollas . . . under the direction of W. J. Sollas. 4 Vol. *illust.* 8⁰. *Oxford*, 1904–09.

Suess (E.) La Face de la Terre . . . Traduit de l'Allemand . . . et annoté sous la direction de E. de Margerie, avec une préface par M. Bertrand. 3 Tom. [in 4] *illust. (col.)* 8⁰. *Paris*, 1897–1911.

Suess (E.) Einige Worte zu F. Noë's geologischer Uebersichtskarte der Alpen. *See* NOË (F.) Erläuterungen zu der geologischen Uebersichtskarte der Alpen, *&c.* 8⁰. 1890.

Suess (E.) La Science Séismologique. Les Tremblements de Terre. Avec une préface par . . . E. Suess. *See* MONTESSUS DE BALLORE (F. J. B. M. B. DE) *Count.* 8⁰. 1907.

SUESSMILCH (CARL ADOLPH) An Introduction to the Geology of New South Wales, *&c. pp. xii, 177 : 4 maps (col.), text illust.* 8⁰. *Sydney*, 1911.
Forming a volume of the Technical Education Branch of the New South Wales Department of Public Instruction.

SUFFOLK INSTITUTE OF ARCHÆOLOGY AND NATURAL HISTORY. [Founded 1848.] Proceedings, *&c.* Vol. VII, pt. 3→ 8⁰. *Ipswich*, 1891→

SUFFREN (PALAMEDE DE) *Marquess.* Principes de Botanique extraits des ouvrages de Linné et suivis d'un Catalogue des Plantes du Frioul et de la Carnia, *&c.* [Edited, with a preface, by Nicolò, comes de Concina.] *pp. 208.* 8⁰. *Venise*, 1802.

SUGAR-CANE. Die Cultur des Zuckerrohrs, *Saccharum*, in Asien, *&c.* [By C. Ritter.] *See* ASIA. 8⁰. [1840.]

SUHM (RUDOLPH VON WILLEMOES) *See* WILLEMOES-SUHM.

SUIREĬSHCHĪKOV (DMĪTRIĬ P.) Īllyustrīrovannaya Flora Moskovskoĭ ghuberniī. Sostavīl D. P. Suireĭshchīkov. Pod redaktzieĭ A. N. Petunnīkov. [Illustrated Flora of the Moscow government. Compiled by D. P. Suireĭshchīkov. Under the editorship of A. N. Petunnīkov.] Chast 1→ 8⁰. *Moskva*, 1906→

SUKHOTERĪN (Mīkhaīl Stepanovīch) [1884-1912] Nablyudeniya nad svyechenien nazemnuikh Oligochaeta. — Einige Beobachtungen über das Leuchten bei Oligochæten. *pp. 7. See* Kazan. — obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui, *&c.* Prīlozheniya No. 256. 8⁰. 1910.

SULAIMÁN, *Khádim, Grand Vizier to Sultan Sulaimán I.* [-1553] Reise von Suez nach Indien, bey seinem Feldzuge wider die Portugiesen in Diu von 1537. *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

Sulaimán, *Khádim, Grand Vizier to Sultan Sulaimán I.* Particular relation of the expedition of Solyman Pacha from Suez to India . . . written by a Venetian officer. *See* Kerr (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. vi. 8⁰. 1824.

ŠULC (Karel) O novém rodu a druhu červců (Coccidæ), *Ortheziola Vejdovskýi*, n.g., n.sp. (Resumé. On a new genus and species of Coccidæ, *O. Vejdovskýi.*) *pp. 9 : 1 pl. col. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1894, no. 44. 8⁰. 1895.

Šulc (K.) Studie o Coccidech. [Studies on Coccidæ.] 2 Pt. *illust. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1895, no. 49 ; 1897, no. 66. 8⁰. 1896, 98.

Šulc (K.) *Kermincola kermesina*, n. gn., n. sp., und *physokermina*, n. sp., neue Mikroendosymbiotiker der Cocciden. (Bemerkungen zum Aufsatze des Herrn Dr. K. Šulc über *Kermincola kermesina*, etc. Von F. Vejdovský.) *pp. 12 : text illust. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1906, no. 19 & 20. 8⁰. 1907.

Šulc (K.) Příspěvky ku poznání Psyll. [Contribution to the knowledge of *Psylla.*] 2 Pt. *illust. See* Prague. — česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xvi, čís. 33 ; xix, čís. 2. 8⁰. 1907-10.

Šulc (K.) Úvod do studia, synoptická tabulka a synonymický katalog druhů rodu *Psylla*, palaearktické oblasti. [An introduction to the study of the genus *Psylla* in the palæarctic region, with synoptical tables and synonymic catalogue of the species.] *pp. 46 : 2 pls. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1909, no. 22. 8⁰. 1910.

Šulc (K.)
"Pseudovitellus" und ähnliche Gewebe der Homopteren sind Wohnstätten symbiotischer Saccharomyceten. *pp. 39 : text illust.*
Symbiotische Saccharomyceten der echten Cicaden (Cicadidæ). *pp. 6 : text illust.*
See Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1910, no. 3 & 14. 8⁰. 1911.

Šulc (K.) Monographia generis *Trioza*, Foerster. 3 Pt. *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1910, no. 17 ; 1911, no. 5 ; 1912, no. 16. 8⁰. 1911-13.

ŠULEK (Bogoslav) Biljarstvo. (Uputa u poznavanje bilja.) 2 Dio. [in 1 Vol.] *illust.* 8⁰. *Beču, Zagrebu*, 1856, 59.

SULLIVAN (Eugene C.) The interaction between Minerals and Water Solutions, with special reference to Geologic Phenomena. *pp. 69. See* United States. — *Geological Survey.* Bulletin No. 312. 8⁰. 1907.

SULLIVAN (William Kerby) [1823-1890] & **O'Reilly** (J. P.) Notes on the Geology and Mineralogy of the Spanish Provinces of Santander and Madrid. *pp. iv, 196 : 18 pls. (col.)* 8⁰. *London*, 1863.
Atlantis. Vol. iv.

SULLIVANT (William Starling) [1803-1873] Musci Alleghanienses, sive enumeratio Muscorum atque Hepaticarum quos in itinere a Marylandia usque ad Georgiam per tractus montium, 1843, decerpserunt Asa Gray et W. S. Sullivant (interjectis nonnullis aliunde collectis). Concinnavit et exposuit W. S. Sullivant. *pp. 87.* 4⁰. *Columbus, in Ohione*, 1846.

Sullivant (W. S.) Contributions to the Bryology and Hepaticology of North America, *&c.* 2 Pt. *pp. 20 : 10 pls.* 4⁰. *Cambridge* [*Mass.*], 1846-48.
Mem. Amer. Acad. Arts & Sci. N.S., Vol. iii.

Sullivant (W. S.) [Mosses and Liverworts.] *See* Gray (A.) A Manual of the Botany of the northern United States, *&c.* 8⁰. 1848.
For a reprint of the same section in the second edition, 1856, *See* infra.

—— Fourth edition, *&c.* 8⁰. 1866.

Sullivant (W. S.) Catalogue of Plants . . . collected in the vicinity of Cincinnati, Ohio, during . . . 1834-44. [Prepared from the author's manuscript by W. S. Sullivant.] *See* Lea (T. G.) 8⁰. 1849.

Sullivant (W. S.) Musci and Hepaticæ [of Japan]. *See* United States. Narrative of the Expedition . . . to the China Seas, *&c.* Vol. ii. 4⁰. 1856.

Sullivant (W. S.) The Musci and Hepaticæ of the United States east of the Mississippi River contributed to the second edition of Gray's Manual of Botany. *pp. 113 : 8 pls.* 8⁰. *New York*, 1856.

Sullivant (W. S.) Description of . . . Mosses and Liverworts. *See* United States. — *Pacific Railroad Survey.* Reports, *&c.* Vol. iv. Report of explorations . . . near the thirty-fifth parallel, *&c.* Pt. v, no. 5, & Vol. vi. Report of . . . H. L. Abbott, *&c.* Pt. iii, no. 3. 4⁰. 1856, 57.

Sullivant (W. S.) Icones Muscorum, or figures and descriptions of most of those Mosses peculiar to eastern North America which have not been heretofore figured, *&c. pp. viii, 216 : 129 pls.* 8⁰. *Cambridge, Mass., & London*, 1864.

—— Supplement, *&c. pp. viii, 109 : 81 pls.* 4⁰. *Cambridge, Mass., & London*, 1874.

Sullivant (W. S.) [Musci collected on the islands and shores of the Pacific Ocean.] *See* United States. United States exploring expedition . . . 1838-42. Under the command of C. Wilkes, *&c.* [Vol. xvii.] fol. 1859.

Sullivant (W. S.) & **Lesquereux** (C. L.) Musci Boreali-Americani, quorum specimina exsiccata W. S. Sullivant et L. Lesquereux ediderunt. *pp. 84.* 4⁰. *Columbi Ohioensium*, 1856.

—— Editio secunda. *pp. 96.* 4⁰. *Columbi Ohioensium*, 1865.

SULPHUR, *H.M.S.* Narrative of a Voyage round the World . . . in H.M.S. Sulphur during . . . 1836-1842, *&c. See* Belcher (*Sir* E.) 8⁰. 1843.

Sulphur, *H.M.S.* The Botany of the Voyage of H.M.S. Sulphur . . . during . . . 1836-42, *&c. See* Hinds (R. B.) 4⁰. 1844.

Sulphur, *H.M.S.* The Zoology of the Voyage of H.M.S. Sulphur . . . during . . . 1836-42, *&c.* 2 Vol. *See* Hinds (R. B.) 4⁰. 1844.

Sulphur, *H.M.S.* [Manuscript] Journal of a Voyage . . . in . . . 1836-41 [in H.M.S. Sulphur]. 3 Vol. *See* BARCLAY (G.) 4⁰.

SULTZER (CHARLES) Dissertation sur un Ver intestinal nouvellement découvert et décrit sous le nom de Bicorne rude. *pp.* [*iv*,] *52 : 2 pls. col., engr. title.* 4⁰. *Paris*, 1801.

SULZBERGER (ROBERT) Les Orchidées : Conférence donnée au Cercle Artistique et Littéraire de Namur . . . 1887. *pp. 23.* 8⁰. *Bruxelles*, 1887.

Sulzberger (R.) La Rose. Histoire, botanique, culture, *&c. pp. 148 : 16 maps.* 8⁰. *Namur* [1888].

SULZER (FRIEDRICH GABRIEL) [1746-1830] Versuch einer Naturgeschichte des Hamsters. *pp. 112 : 5 pls.* (*col.*) 8⁰. *Göttingen & Gotha*, 1774.

SULZER (JOHANN HEINRICH) [1735-1813] Die Kennzeichen der Insekten, nach Anleitung des . . . Ritters . . . K. Linnaeus durch XXIV. Kupfertafeln erläutert und mit derselben natürlichen Geschichte begleitet von J. H. Sulzer . . . Mit einer Vorrede des Herrn J. Gessners. *pp. xxviii, 203, 67 : 24 pls. col., engr. title.* 8⁰. *Zürich*, 1761.

Sulzer (J. H.) Dr. Sulzers abgekürzte Geschichte der Insecten nach dem Linnaeischen System. 2 Thl. [in 1 Vol.] *illust.* 4⁰. *Winterthur*, 1776.

The so-called supplement, quoted by Engelmann, is J. J. Römer's "Genera Insectorum Linnæi et Fabricii," consisting of a re-issue of the plates in this work with five new ones, and accompanied by brief Latin diagnoses.

SUMATRA. [*Maps.*] Geognostische Kaart van het Oembilien Kolenveld in de Padangsche Bovenlanden Sumatra's Westkust . . . opgenomen door . . . R. D. M. Verbeek . . . Schaal van 1 : 10,000 [*i.e.* 1 m. = 6½ in. about]. 8 sh. *geol. col. See* JAARBOEK VAN HET MIJNWEZEN IN NEDERLANDSCH OOST-INDIË. Jaarg. IV, deel 2. 1874.

Sumatra. [*Maps.*] Geologische Kaart van het Oembilien Kolenveld opgenomen door . . . R. D. M. Verbeek . . . Schaal 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. 1 sh. *See* JAARBOEK VAN HET MIJNWEZEN IN NEDERLANDSCH OOST-INDIË. Jaarg. IV, deel 2. 1874.

Sumatra. [*Maps.*] Topographische en Geologische Kaart van Zuid-Sumatra bevattende de residentien Bengkoelen, Palembang en Lampongsche Districten . . . Schaal 1 : 500,000 [*i.e.* 1 in. = 7 9/10 m. nearly] door . . . R. D. M. Verbeek. 4 sh. *See* JAARBOEK VAN HET MIJNWEZEN IN NEDERLANDSCH OOST-INDIË. Jaarg. X, deel 1. 1880.

Sumatra. [*Maps.*] Kaart van . . . Sumatra . . . Schaal 1 : 900,000 [*i.e.* 1 in. = 14⅛ m. about]. 3 sh. *col. See* STEMFOORT (J. W.) & SIETHOFF (J. J. TEN) Atlas der Nederlandsche Bezittingen in Oost-Indië. 1883-85.

SUMICHRAST (FRANCIS E.) [1828-1882] Birds of Southwestern Mexico. Collected by F. E. Sumichrast for the U.S. National Museum . . . By G. N. Lawrence. *pp. 56. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 4. 8⁰. 1876.

—— [Another issue.] *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. XIII, art. 4. 8⁰. 1876 (1878).

SUMIŃSKI (J. LESZCZYC VON) *Count.* *See* LESZCZYC-SUMIŃSKI.

SUMMERS (H. S.) & **Skeats** (E. W.) The Geology and Petrology of the Macedon district. *pp. 58 : 28 pls., 1 map geol. col. See* VICTORIA, *Australia.—Geological Survey.* Bulletins, *&c.* No. 24. 8⁰. 1912.

SUND (OSCAR) Oversigt over Norsk fiskeri- og havforskning, 1900-1908.— Review of Norwegian Fishery and Marine investigations [of the "Michael Sars" expedition], 1900-1908. *pp. 204 : 21 pls. See* NORWAY. — *Norwegian Fishery and Marine Investigations.* Report, *&c.* Vol. II, no. 1. 8⁰. 1909.

Sund (O.) The Glass Shrimps (*Pasiphœa*) in northern waters. *pp. 18 : 3 pls., text illust. See* BERGEN.— BERGENS MUSEUM. Bergens Museums Aarbok. 1912, no. 6. 8⁰. 1913.

SUNDBERG (ARVIDUS) Synopsis Floræ Gothlandicæ . . . p. p. A. Sundberg, *&c.* P. II. *See* SÄVE (C.) 8⁰. 1837.

SUNDBERG (CARL MAGNUS) Afhandling om de Wåxter, som i Bibelen omtalas. Tredje delen . . . utgifven af C. M. Sundberg, *&c. See* THUNBERG (C. P.) 8⁰. 1828.

SUNDBERG (PETRUS) Museum naturalium Academiæ Upsaliensis, cujus Appendic. IV. . . . subjicit P. Sundberg, *&c. See* THUNBERG (C. P.) 4⁰. [1796.]

SUNDELL (I. G.) On the Cancrinite-Syenite from Kuolajärvi and a related Dike Rock. *pp. 20 : 1 pl. See* FINLAND. — *Finlands Geologiska Undersökning.* Bulletin, *&c.* No. 16. 8⁰. 1905.

SUNDEVALL (CARL JACOB) [1801-1875] Specimen academicum genera Araneidum Sveciæ exhibens, quod . . . præside C. F. Fallén . . . p. p. auctor C. J. Sundewall. *pp. 22.* 4⁰. *Lundæ*, 1823.

Sundevall (C. J.) Conspectus Arachnidum, *&c.* 2 Pt. 8⁰. *Londini Gothorum*, 1833.

Pt. I. P. p. C. J. Sundevall et S. Hardin.
" II. " " " " E. T. Hammargren.

Sundevall (C. J.) Årsberättelse om nyare Zoologiska Arbeten och Upptäckter, till . . . Academien afgifne för åren 1837-40 af C. J. Sundewall. *See* STOCKHOLM.— KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. 8⁰. 1841.

Sundevall (C. J.) Årsberättelse om framstegen i Vertebrerade Djurens naturalhistoria under åren 1840-42 (1843-44). *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Årsberättelse om Zoologiens Framsteg, *&c.* 8⁰. 1844-47.

Sundevall (C. J.) Methodische Uebersicht der wiederkäuenden Thiere, Linné's Pecora . . . Aus dem Schwedischen übersetzt von . . . C. F. Hornschuch. *pp. 140 : 2 pls.* 8⁰. *Greifswald*, 1848.

Archiv. Skand. Beit. Naturg. II.
The Swedish original appeared in the "K. Svensk. Vet.-Akad. Handl." for 1844.

Sundevall (C. J.) Berättelse om framstegen i Vertebrerade Djurens naturalhistoria och Ethnografien under åren 1845-50. *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. 8⁰. 1853.

Sundevall (C. J.) Svenska Foglarna, med text af . . . C. J. Sundevall, tecknade och lithographierade af P. Åkerlund (fortsättning av . . . J. G. H. Kinberg). 4 Bd. *pp. 1570 &* Atlas, *84 pls. col.* obl. 4⁰. *Stockholm*, 1856-86.

Printed in double column.

Sundevall (C. J.) Kritisk framställning af Fogelarterna uti äldre Ornithologiska arbeten. 1. Museum Carlsonianum. 2. Le Vaillant, Oiseaux d'Afrique. *pp. 60. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. II, no. 3. 4⁰. 1857.

Sundevall (C. J.) Om Fiskyngels utveckling. *pp. 24 : 5 pls. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. I, no. 1. 4⁰. 1858.

Sundevall (C. J.) Om Insecternas Extremiteter samt deras hufvud och mundelar, *&c. pp. 92: 4 pls. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. III, no. 9. 4⁰. 1860.

Sundevall (C. J.) Ett Försök att bestämma de af Aristoteles omtalade Djurarterna . . . I. Luftanande Djur, eller klasserna: Däggdjur, Folgar, Reptilier och Insekter med Arachnider. *pp. 148. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. IV, no. 2. 4⁰. 1862.

Sundevall (C. J.) Die Thierarten des Aristoteles von den Klassen der Säugethiere, Vögel, Reptilien und Insekten . . . Uebersetzung aus dem Schwedischen. *pp. 242.* 8⁰. *Stockholm*, 1863.

Sundevall (C. J.) Conspectum Avium Picinarum. *pp. xiv, 116.* 8⁰. *Stockholmiæ*, 1866.

Sundevall (C. J.) Methodi naturalis Avium disponendarum tentamen.—Försök till Fogelklassens naturenliga uppställning. (Appendix.) *pp. [vi,] lxix, 187 (12): 1 pl.* 4⁰. *Stockholm*, 1872–73.
The Introduction is given in both Swedish and French.

Sundevall (C. J.) Om Rudbecks Fogelbok, *&c. pp. 20. See* UPSALA. — KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. VIII, no. 7. 4⁰. 1872.

Sundevall (C. J.) & **Hammargren** (E. T.) Conspectus Arachnidum . . . Pt. II. *See* SUNDEVALL (C. J.) 8⁰. 1833.

Sundevall (C. J.) & **Hardin** (S.) Conspectus Arachnidum . . . Pt. I. *See* SUNDEVALL (C. J.) 8⁰. 1833.

Sundevall (C. J.) & **others.** Skandinaviens Fiskar målade . . . af W. von Wright, med text af . . . C. J. Sundevall. *See* FRIES (B. F.) *& others.* 4⁰. 1836–48 [–57].

Sundevall (C. J.) *&* **others.** A History of Scandinavian Fishes . . . Second edition, *&c. See* FRIES (B. F.) *& others.* 4⁰. 1893–95.

SUNDEWALL (FREDRIK EMIL) [1811–1881] Om Foten och dess functioner hos Menniskan och Däggdjuren. Academisk afhandling. *pp. 84: 4 pls.* 8⁰. *Stockholm*, 1845.

SUNDIUS (PETRUS) [Surinamensia *Grilliana* . . . præside . . . C. Linnæo . . . sistit P. Sundius, *&c. See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. 1748.]
Wanting.

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. I, no. 16. 8⁰. 1749.

—— —— [Another edition.] Vol. I [no. 17]. 8⁰. 1749.

—— —— Editio tertia. Vol. I, no. 16. 8⁰. 1787.

SUNDMAN (GÖSTA) & **Palmén** (J. A.) Finnische Vogeleier, abgebildet von G. Sundman. Mit Text von J. A. Palmén.—Eggs of Finnish Birds, *&c.* Hft. 1-8. *illust. col.* obl. 4⁰. *Helsingfors*, 1881–83 [–88].
German and English in parallel columns.
After Hft. v Palmén's text was discontinued.

Sundman (G.) & **Reuter** (O. M.) Finlands Fiskar målade efter naturen af G. Sundman, med text af O. M. Reuter (& A. J. Mela).—The Fishes of Finland, *&c.* 12 Pt. *41 pls. col.* fol. *Helsingfors*, 1883 [–93].
Swedish and English in parallel columns.
The text is in twelve separately-paged sections.
There is no text to pl. xix.

SUNDSTRÖM (CARL RUDOLF) Bidrag till kännedomen af Örebro Läns Vertebratfauna. Akademisk afhandling, *&c. pp. 32.* 8⁰. *Örebro*, 1868.

Sundström (C. R.) Zoologiska Anteckningar från östra Södermanland och Dithörande Skärgård, *&c. pp. 45. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. I, no. 4. 8⁰. 1872.

Sundström (C. R.) Mittheilungen des Ornithologischen Komitees der Königlichen Schwedischen Akademie der Wissenschaften. 4 Pt. *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XIII, afd. IV, no. 3; XIV, afd. IV, no. 1; XVI, afd. IV, no. 3; XVII, afd. IV, no. 4. 8⁰. 1887–92.

SUNDT (LORENZO) Nogle Bemærkninger om Kongsbergs Gange og Gangmineralier. *pp. 16. See* ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB, *&c.* Bd. XXVIII, no. 3. 8⁰. 1907.

Sundt (L.) Notas sobre algunos Fósiles Bolivianos, *&c.* —Rocas Traquíticas en la parte NO. de la altiplanicie Boliviana.—Breves apuntes sobre ciertas cuestiones Geológicas en Bolivia.—Estudios Geológicos en Corocoro y en la altiplanicie de Bolivia. *See* ORBIGNY (A. D. D') Estudios sobre la Geología de Bolivia, *&c.* (Apéndice.) 8⁰. 1907.

SUOMALAINEN (E. W.) Kallaveden seudun linnusto. Topografinen tutkielma. (Ueber die Vogelfauna der Umgebung des Kallavesi-Sees in nördlichen Savo, *&c.*) *pp. 150: 1 map col. See* HELSINGFORS.—SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XXXI, no. 5. 8⁰. 1908.

Suomalainen (E. W.) Die Fischfauna des Sees Kallavesi in Nord-Savo (Savolaks). *pp. 27. See* HELSINGFORS.—SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XXXIII, no. 6. 8⁰. 1910 (1912).

SUOMENMAAN GEOLOGILLINEN TUTKIMUS.
See FINLAND.—*Finlands Geologiska Undersökning.*

SUPAN (ALEXANDER GEORG) [1847–] [Grundzüge der physischen Erdkunde. 8⁰. *Leipzig*, 1884.]
Wanting.

—— Vierte . . . Auflage. *pp. ix, 936: 20 maps col., text illust.* 8⁰. *Leipzig*, 1908 [*i.e.* 1907].

Supan (A. G.) *See* PETERMANNS MITTHEILUNGEN . . . Herausgegeben von . . . A. Supan. Bd. XXX—LV, no. 3, & Ergänzbd. XVII—XXXV, no. 163. 4⁰. 1884–1909.

Supan (A. G.) Archiv für Wirtschaftsgeographie . . I. Nordamerika, 1880–1885. *pp. 57: 2 maps. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XVII, no. 84. 4⁰. 1886.

Supan (A. G.) Die Bevölkerung der Erde. Periodische Uebersicht, *&c.* No. X→ *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXVII, no. 130→ 4⁰. 1899→

Supan (A. G.) Terminologie des principales formes du relief sous-marin. *See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 21. Carte Bathymétrique, *&c.* 8⁰. 1904.

Supan (A. G.) & **Wagner** (H. K. H.) Die Bevölkerung der Erde. Periodische Uebersicht, *&c.* No. VIII & IX. *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXII, no. 101, & XXIII, no. 107. 4⁰. 1891, 93.

SUPINO (FELICE) Nuovi *Ixodes* della Birmania. *pp. 38: 12 pls. col.* 8⁰. *Padova*, 1897.

Supino (F.) Ricerche sul cranio dei Teleostei. 4 Pt. *illust. (col.)* 8⁰. [*Rome*, 1901-02.]
Ricerche Lab. Anat. Roma, *&c.* Vol. VIII & IX.

Supino (F.) Morfologia del cranio dei Teleostei. Fasc. I—> *illust. (col.)* 8⁰. *Roma*, 1904—>
Title from wrapper.

SURCOUF (J. M. R.) & **Gonzalez-Rincones** (R.) Essai sur les Diptères vulnérants du Venezuela. Matériaux pour servir à l'étude des Diptères piqueurs et suceurs de sang de l'Amérique intertropicale, *&c.* Pt. 1—> *illust.* 8⁰. *Paris*, 1911—>

SURGY (JACQUES PHILIBERT ROUSSELOT DE) *See* ROUSSELOT DE SURGY.

SURINGAR (GERHARD COENRAAD BERNARD) [1802–1874] G. C. B. Suringar . . . Commentatio in quæstionem . . . propositam : Quæritur concinna expositio eorum, quæ de Foliorum Plantarum ortu, situ, fabrica et functione innotuerunt, *&c.* *pp. 63.* *See* LEYDEN.—RIJKS UNIVERSITEIT. Annales Academiæ Lugduno-Batavæ. 1819–20. 4⁰. 1820.

Suringar (G. C. B.) Pars supellectilis anatomicæ, sive catalogus Craniorum quæ dicuntur nationalia et speciminum anatomicorum cum Hominis tum Animalium. *pp.* [*iv,*] *23.* 8⁰. *Lugduni Batavorum*, 1876.

SURINGAR (JAN VALCKENIER) Illustrations du genre *Melocactus*, par W. F. R. Suringar . . . continuées par J. V. Suringar. *See* LEYDEN.—RIJKS UNIVERSITEIT. Musée Botanique de Leide, *&c.* Vol. III. 4⁰. 1897–1905.

Suringar (J. V.) Contributions à l'étude des espèces du genre *Melocactus* des Indes Néerlandaises occidentales. *pp. 39* [*1*]. *See* AMSTERDAM. — KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Tweede Sectie. Deel VIII, no. 1. 8⁰. 1901.

Suringar (J. V.) Linnæus. *pp. 106.* 8⁰. *'s Gravenhage*, 1908.

Suringar (J. V.) Nouvelles contributions à l'étude des espèces du genre *Melocactus* des Indes Néerlandaises occidentales. *pp. 40.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Deel XVI, no. 3. 8⁰. 1910.

Suringar (J. V.) [Cyperaceæ from Dutch New Guinea.] *See* WICHMANN (C. E. A.) Nova Guinea, *&c.* Vol. VIII, livr. 4. 4⁰. 1912.

SURINGAR (WILLEM FREDERIK REINIER) [1832–1898] Dissertatio botanica inauguralis, continens observationes phycologicas in Floram Batavam, *&c.* *pp.* [*viii,*] *xiv, 75 : 4 pls.* 8⁰. *Leovardiæ*, 1857.

Suringar (W. F. R.) De beteekenis der Planten-geographie en de geest van haar onderzoek. Redevoering, *&c.* *pp. 46.* 8⁰. *Leeuwarden*, 1858.

Suringar (W. F. R.) Nederlandsch Kruidkundig Archief . . . onder redactie van . . . W. F. R. Suringar, *&c.* Deel IV, st. 3—Ser. III, deel I. *See* NIMEGUEN.—NEDERLANDSCHE BOTANISCHE VEREENIGING. 8⁰. 1858–98.

Suringar (W. F. R.) De Sarcine (*Sarcina ventriculi*, Goodsir) onderzoek naar de plantaardige natuur, den ligchaamsbouw en de ontwikkelingswetten van dit organisme. *pp.* [*vii,*] *130, 1 tab. . 3 pls.* 4⁰. *Leeuwarden*, 1865.

Suringar (W. F. R.) Oratio de necessitudine botanicam inter et humanam Societatem et disciplinas academicas, *&c.* *pp. 32.* 4⁰. *Lugduni Batavorum*, 1867–68.

Suringar (W. F. R.) De Kruidkunde in hare betrekking tot de maatschappij en de Hoogeschool. *pp. 47.* 8⁰. *Leeuwarden*, 1868.

Suringar (W. F. R.) Handleiding tot het bepalen van de in Nederland wildgroeiende Planten . . . in aansluiting aan den Prodromus Floræ Batavæ en de Verslagen der Nederlandsche Botanische Vereeniging. *pp. xv, 568.* 8⁰. *Leeuwarden*, 1870.

—— [Another edition entitled :] Zakflora. Handleiding tot het bepalen van de in Nederland wildgroeiende Planten . . . Zesde druk. *pp. xii, 566* [*1*]. 8⁰. *Leeuwarden*, 1884.

Suringar (W. F. R.) Algæ Japonicæ Musei Botanici Lugduno-Batavi, *&c.* *pp. 39, viii : 25 pls. col.* *See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. III, deel I. 4⁰. 1870 (1872).

Suringar (W. F. R.) Musée Botanique de Leide, par W. F. R. Suringar. Vol. I–III.† *See* LEYDEN.—RIJKS UNIVERSITEIT. 4⁰. 1871–1905.

Vol. I. *pp. xi* [*i.e. iii*], *97 : 34 pls. col.*
Illustration des espèces et formes du genre d'Algues *Gloiopeltis*, J. Ag. 1871.
Illustration des Algues du Japon. 1872.
,, II. —— (Suite). *pp. 15 : 8 pls. col.* 1874.
,, III. Illustrations du genre *Melocactus*, par W. F. R. Suringar (. . . Continuées par J. V. Suringar). *pp. xii, 40 : 24 pls. (col.)* 1897–1905.

Suringar (W. F. R.) *Rafflesia Hasseltii.* *pp. 3.* 4⁰. *L*[*ugduni*] *B*[*atavorum*], 1880.

Suringar (W. F. R.) Stasiastische Dimerie (tweetalligheid door storing) monstruositeit eener bloem van *Cypripedium venustum*, Wall., *&c.* *pp. 9 : 1 pl. col.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VON WETENSCHAPPEN. Verhandelingen, *&c.* Deel XXI. 8⁰. 1880.

Suringar (W. F. R.) [The Cytinaceæ and the genus *Phallus* in Central Sumatra.] *See* AMSTERDAM.—AARDRIJKSKUNDIG GENOOTSCHAP. Midden-Sumatra, *&c.* Deel IV, ged. II, afd. 13. 4⁰. 1884.

Suringar (W. F. R.) Monstrositeiten van *Cypripedium insigne*, in aansluiting met de verhandeling over : Stasiastische Dimerie (tweetalligheid door storing). *pp. 4 : 2 pls.* (*1 col.*) *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Deel XXIV. 4⁰. 1886.

Suringar (W. F. R.) Vierde bijdrage tot de kennis der Melocacti. *pp. 46 : 2 pls. col.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Deel V, no. 3. 8⁰. 1896.

Suringar (W. F. R.) & **Sande Lacoste** (C. M. VAN DER) Voorloopig verslag van eene Botanische excursie in de provincie Drenthe. *See* SANDE LACOSTE (C. M. VAN DER) & SURINGAR (W. F. R.) 8⁰. [1860.]

Suringar (W. F. R.) & **Sande Lacoste** (C. M. VAN DER) Phanerogamen en Vaatkryptogamen, in het oostelijk en zuidelijk deel van Drenthe waargenomen. — Nieuw beschrevene en voor onze Flora nieuwe Zoetwater-Wieren, verzameld in Drenthe . . . 1859. *See* SANDE LACOSTE (C. M. VAN DER) & SURINGAR (W. F. R.) 8⁰. [1861.]

Suringar (W. F. R.) & **Sande Lacoste** (C. M. VAN DER) [Lichens of Central Sumatra.] *See* AMSTERDAM.—AARDRIJKSKUNDIG GENOOTSCHAP. Midden-Sumatra, *&c.* Deel IV, ged. II, afd. 13. 4⁰. 1884.

SURREY. Notes on the Flora of Surrey. [By A. Bennett.] *pp. 7.* 8⁰. *Croydon* [1879].

SURREY MUSEUM. Catalogue of the Surrey Museum, 9 Marlborough Place, Walworth Road [London]. *pp. 14.* 8⁰. *London* [ ].

SURREY ZOOLOGICAL GARDENS. The Rhinoceros at the . . . Gardens. [*pp. 2.*] 8⁰. [*London*,] 1834.

The Mirror of Literature, Amusements, &c. Vol. XXIII. *pp. 653, 659.*

SURVEYORS' INSTITUTION. [Founded 1868.] Transactions, *&c.* Vol. XXV, pt. 9→ 8⁰. *London*, 1893→

—— Index to Transactions. Subjects and Authors of Papers. Vol. I-XLII. 1868-9 to 1909-10 (inclusive). 8⁰. *London*, 1910.

Surveyors' Institution. Library Catalogue. Third edition . . with appendices. *pp.* [*vi*,] *331.* 8⁰. *London*, 1893.

Surveyors' Institution. Classification and catalogue of Forestry Collection. *pp. 23 : 1 text illust.* 8⁰. *London*, 1894.

SUSCHKIN (P. P.) *See* SUSHKĪN.

SUSEMIHL (ERWIN EDWARD) & (J. C.) [Abbildungen der Vögel Europas, *&c.*] *See* SUSEMIHL (J. C.) & (E. E.) 4⁰. [1839-51.]

Susemihl (E. E.) & (J. C.) Die Europäischen Tag-Raubvögel, *&c.* *See* SCHLEGEL (H.) 4⁰. [1845.]

SUSEMIHL (JOHANN CONRAD) [1767-] & (E. E.) [Abbildungen der Vögel Europas, herausgegeben, gezeichnet und in Stahl gestochen von J. C. Susemihl . . . und E. Susemihl . . . Text nach Temmink's Manuel d'Ornithologie und den vorzüglichsten neueren Schriften und mit Beiträgen von mehreren . . . Naturforschern, bearbeitet von . . . Dr. [F.] Gergens ([and afterwards] Dr. Schlegel). 36 Lief.†] *pp. 116, 16 : 106 pls. col.* 4⁰. *Stuttgart* [*Darmstadt & Leipzig*, 1839-51].

Title supplied from the wrapper to Lief. 1 in the Printed Book Department, British Museum. Wanting Pls. 6ᵃ, 51, 52, 54 & [Sect.] III, Pl. 6. Gergens' text (issued in Lief. 1 & 2) extended to 16 pp. and was replaced by Schlegel's ; the title, which on the wrapper of Lief. 2 read simply "Susemihl's Vögel Europas," being changed to "Die Vögel Europas. Gezeichnet," *&c.*
Schlegel's text of 116 pp. ends abruptly in the midst of the Nocturnal Birds of Prey, and, though Homeyer was announced in 1851 [wrapper to Lief. 36, 2nd edition] as about to continue it, no more letterpress appeared. Pls. 49 and onwards are therefore undescribed. Pp. 1-100 of Schlegel's text, the Diurnal Birds of Prey, with the 44 pls. corresponding, were afterwards reissued under the title of "Die Europäischen Tag-Raubvögel, beschrieben von . . . H. Schlegel" [*q. v.*].

Susemihl (J. C.) & (E. E.) Die Europäischen Tag-Raubvögel . . . mit . . . Tafeln . . von J. C. & E. E. Susemihl. *See* SCHLEGEL (H.) 4⁰. [1845.]

SUSHKĪN (PETR PETROVĪCH) Zur Morphologie des Vogelskelets. I. Schädel von *Tinunculus. pp. 163 : 6 pls. (col.)* *See* MOSCOW. — SOCIÉTÉ IMPÉRIALE DES NATURALISTES. Nouveaux Mémoires, *&c.* Tom. XVI, livr. 2. 4⁰. 1899.

Sushkīn (P. P.) Zur Morphologie des Vogelskelets. Vergleichende Osteologie der normalen Tagraubvögel (Accipitres) und die Fragen der Classification, *&c. pp. 247 : 4 pls., text illust.* *See* MOSCOW. — SOCIÉTÉ IMPÉRIALE DES NATURALISTES. Nouveaux Mémoires, *&c.* Tom. XVI, livr. 4. 4⁰. 1905.

SUŚRUTA. Suśrutas. Áyurvédas. Id est Medicinæ Systema a venerabili D'Hanvantare demonstratum a Suśruta discipulo compositum. Nunc primum ex Sanskrĭta in Latinum sermonem vertit, introductionem, annotationes et rerum indicem adjecit F. Hessler. 3 Tom. [in 1.] 8⁰. *Erlangæ*, 1844-50.

SUSSEX SCIENTIFIC & LITERARY INSTITUTION. A descriptive Catalogue of the objects of Geology, Natural History, and Antiquity . . . in the Museum attached to the . . . Institution . . . Fourth edition. *See* MANTELL (G. A.) 8⁰. 1836.

—— Fifth edition. 8⁰. 1836.

—— Sixth edition. 8⁰. 1836.

SUTCLIFFE (J. WILLIAMS). *See* HALIFAX NATURALIST, *The* . . Editor . . . J. W. Sutcliffe. Vol. I & II. 8⁰. 1896-98.

SUTCLIFFE (JOSEPH) A short Introduction to the study of Geology ; comprising a new theory of the elevation of the mountains, and the stratification of the earth (Appendix. — Appendix No. 2, A refutation of the prominent errors in the Wernerian system of Geology), *&c.* 2 Pt. *pp. 104.* 8⁰. *London*, 1817 (-19).

Sutcliffe (JOSEPH) The Geology of the Avon, being an enquiry into the order of the strata and mineral productions of the district washed by its streams. *pp. 29 : 1 pl.* 8⁰. *Bristol*, 1822.

SUTCLIFFE (WILLIAM HENRY) [1855-1913] A Criticism of some modern tendencies in Prehistoric Anthropology. *pp. 25 : 2 pls.* *See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LVII, no. 7. 8⁰. 1913.

SUTER (HENRY) The Mollusca of the Subantarctic Islands of New Zealand. *See* PHILOSOPHICAL INSTITUTE OF CANTERBURY, *New Zealand.* The Subantarctic Islands of New Zealand, *&c.* Art. 1. 4⁰. 1909.

SUTER (JOHANN RUDOLF) [1766-1827] Flora Helvetica, exhibens Plantas Helvetiæ indigenas Hallerianas, et omnes quæ nuper detectæ sunt, *&c.* (Helvetiens Flora, *&c.*) 2 Vol. [in 1.] 12⁰. *Turici* (*Zürich*), 1802.

—— Editionem . . . alteram, edidit et auxit J. Hegetschweiler, *&c.* 2 Vol. 12⁰. *Turici* (*Zürich*), 1822.

SUTER (R. SUTER-) Bemerkungen über die Pfahlbauten im Torfmoos des Herrn . . . R. Suter bei Wauwyl im Kanton Luzern. *See* KELLER (F.) Die Keltischen Pfahlbauten in den Schweizerseen. Bericht III. 4⁰. 1860.

Suter (R. SUTER-) Lake of Wauwyl. *See* KELLER (F.) The Lake Dwellings of Switzerland . . . Second edition, *&c.* 8⁰. 1878.

SUTHERLAND. [*Maps.*] Geological and Mineralogical Map of Sutherland. By M. F. Heddle. [Scale 1 in. = 2 m.] *See* MINERALOGICAL SOCIETY. The Mineralogical Magazine, *&c.* Vol. V. s.sh. *col.* 1881 (1882).

SUTHERLAND (CHARLES LESLIE) & **Tegetmeier** (W. B.) Horses, Asses, Zebras, Mules, and Mule breeding. *See* TEGETMEIER (W. B.) & SUTHERLAND (C. L.) 8⁰. 1895.

SUTHERLAND (JAMES) [1639?-1719] Hortus Medicus Edinburgensis : or a catalogue of the Plants in the Physical Garden at Edinburgh ; containing their . . . Latin and English names, with an English alphabetical index, *&c.* *pp. xiv, 367* [*62*]. 8⁰. *Edinburgh*, 1683.

SUTHERLAND (PETER CORMACK) [1822-1900] Journal of a voyage in Baffin's Bay and Barrow Straits, in . . . 1850-51, performed by H.M. Ships "Lady Franklin" and "Sophia" . . . in search of the missing crews of H.M. Ships Erebus and Terror: with . . . observations on the natural history and physical features of the countries and frozen seas visited. 2 Vol. *illust.* 8⁰. *London*, 1852.

Vol. II, Appendix, contains, *inter alia* :—
Botany.
Plants . . . named by Sir W. J. Hooker.
Notes on the Algæ, by Dr. Dickie.
Zoology.
Gasteropoda.—Conchiferæ.
Cephalopoda. [By E. Forbes and J. [*i.e.* T.] H. Huxley.]
Crustacea.—Entomostraca [with descriptions of *Cytochilus arcticus* and *Alauna uncinata* (n. spp.) by W. Baird].
—— Decapoda, *&c.* [List by A. Adams.]
[—— and Insecta, described by A. White.]
Ascidians and Echinoderms. Remarks upon some specimens . . . by T. H. Huxley.
Notes on . . . Echinodermata . . . by E. Forbes.
Geology. By J. W. Salter.

Sutherland (P. C.) A few remarks on the physical geography, &c., of Davis Straits, and its east and west shores. *See* INGLEFIELD (*Sir* E. A.) A summer search for Sir J. Franklin, *&c.* (Appendix.) 8⁰. 1853.

Sutherland (P. C.) On some Entomostraca collected by Dr. Sutherland in the Atlantic Ocean. *See* LUBBOCK (J.) *Baron Avebury.* 8⁰. 1856.

Sutherland (P. C.) Colony of Natal: compiled from data furnished by P. C. Sutherland. *See* NATAL. [*Maps.*] [1864-67.]

Sutherland (P. C.) Natural History. Steam ship Isabel. Captain Inglefield. 1852. [*pp. 82.*] 4⁰.
Manuscript notes and descriptions of the various Zoological specimens collected during the voyage.

SUTTON (CHARLES W.) & **others.** Informes sobre la provincia constitucional del Callao. *pp. 58 : 7 pls., 3 maps. See* PERU.—*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 33. 8⁰. 1905.

SUTTON (FRANCIS) Systematic Handbook of Volumetric Analysis . . . Second edition. *pp. xix, 377 : text illust.* 8⁰. *London*, 1871.
The first edition appeared in 1863.

SUTTON (MARTIN HOPE) Permanent and temporary Pastures, with descriptions and illustrations of leading natural Grasses and Clovers . . . Based upon an essay . . . by M. H. Sutton. Third edition. *See* SUTTON (M. J.) 8⁰. 1888.

SUTTON (MARTIN JOHN) [1850-1913] Permanent and temporary Pastures, with descriptions and illustrations of leading natural Grasses and Clovers . . . Based upon an essay . . . by M. H. Sutton. Third edition. *pp. x, 126 : 23 pls.* 8⁰. *London*, 1888.
The first edition appeared in 1886.

SUTTON BROAD LABORATORY, *Norfolk.* The Sutton Broad Fresh-water Laboratory. [By R. Gurney?] *pp. 11 : 2 pls.* 8⁰. [*Norwich?*] 1908.
Printed for private circulation.

ŠVÁBENIK (JAN) Příspěvky k anatomii a histologii Nematomorph. [Note on the anatomy and histology of the Nematomorpha.] *pp. 64 : 1 pl., text illust.* [With German résumé.] *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1909, no. 7. 8⁰. 1910.

SVANBECK (A.) Coloniæ Plantarum in Suecia. Pars secunda, quam . . . subjiciunt A. A. Afzelius . . . et A. Svanbeck, *&c.* *See* AFZELIUS (A. A.) 4⁰. 1809.

SVARTENGREN (JOHAN JACOB) [1809-1863] Corollarium Floræ Upsaliensis, quod . . . p. p. C. G. Myrin . . . et J. J. Svartengren . . . P. I. *See* MYRIN (C. G.) 8⁰. 1833.

ŠVEC (FRANTIŠEK) Příspěvky k poznání Nálevníků Českých. [Contribution to the knowledge of the Bohemian Infusoria.] *pp. 48 : 2 pls. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. VI, čís. 28. 8⁰. 1897.

SVEDELIUS (CASPAR) Tractatio anatomica de sedibus materiarum immediatarum in Plantis, cujus sectionem secundam . . . publice proponit G. Wahlenberg . . . respondente C. Svedelio, *&c.* *See* WAHLENBERG (G.) 4⁰. 1806.

SVEDELIUS (NILS EBERHARD) [1873-] Die Juncaceen der ersten Regnell'schen Expedition. *pp. 11 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXIII, afd. III, no. 6. 8⁰. 1897.

Svedelius (N. E.) Algen aus den Ländern der Magellanstrasse und Westpatagonien. I. Chlorophyceæ. *See* SWEDEN. Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895-1897, *&c.* Bd. III, hft. 1, no. 8. 8⁰. (1900.)

Svedelius (N. E.) Studier öfver Östersjöns Hafsalgflora. Akademisk afhandling. *pp. 140 : 5 pls., text illust.* 8⁰. *Upsala*, 1901.

Svedelius (N. E.) Zur Kenntnis der saprophytischen Gentianaceen. *pp. 16 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. III, no. 4. 8⁰. 1902 (1903).

Svedelius (N. E.) Ueber die Algenvegetation eines Ceylonischen Korallenriffes, mit besonderer Rücksicht auf ihre Periodizität. *See* SERNANDER (J. R.) *& others.* Botaniska Studier. Tillägnade F. R. Kjellman, *&c.* 8⁰. 1906.

Svedelius (N. E.) Ueber den Bau und die Entwicklung der Florideengattung *Martensia. pp. 101 : 4 pls., text illust. See* STOCKHOLM.—SVENSKA VETENSKAPS-AKADEMIEN. Handlingar, *&c.* Ny Följd, Bd. XLIII, no. 7. 4⁰. 1908.

Svedelius (N. E.) Nachträge zu . . . Rhodophyceæ. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Nachträge zu I. Teil, Abteilung 2. 8⁰. [1910-] 1911.

Svedelius (N. E.) & **Kjellman** (F. R.) Nachträge zu . . . Phæophyceæ und Dictyotales. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Nachträge zu I. Teil, Abteilung 2. 8⁰. 1910.
The former contribution was by F. R. Kjellman alone.

Svedelius (N. E.) & **others.** Botaniska Studier. Tillägnade F. R. Kjellman den 4 November 1906. (Redaktion: . . . N. Svedelius, *&c.*) *See* SERNANDER (J. R.) *& others.* 8⁰. 1906.

SVEDENBORG (EMANUEL) [1688-1772] Dædalus Hyperboreus. Eller några nya mathematiska och physicaliska Försök och Anmerckningar för åhr 1716 (-17, beskrifna af E. Swedberg), *&c.* Pt. 1-6. [In facsimile.] *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Kungliga Vetenskaps Societetens . . . Tvåhundraårsminne, *&c.* 8⁰. 1910.
The original appeared in 1716-17.

Svedenborg (E.) Kronologisk Förteckning öfver Emanuel Swedenborgs Skrifter, 1700–1772 . . . utarbetad af A. H. Stroh och G. Ekelöf. *pp. 50. See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Årsbok, *&c.* 1910, bilaga 3. 8⁰. 1910.

Svedenborg (E.) The mortal remains of E. Swedenborg. An account by J. V. Hultkrantz. *pp. iv, 98 : 8 pls., text illust. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. IV, vol. II, no. 9. 4⁰. 1910.

Svedenborg (E.) E. Swedenborg's investigations in Natural Science and the basis for his statements concerning the functions of the Brain. By M. Ramström. *See* UPSALA. – KONGLIGA UNIVERSITETET. Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-ärsjubileum, *&c.* 4⁰. 1910.

Svedenborg (E.) Transactions of the International Swedenborg Congress held in connection with the Celebration of the Swedenborg Society's Centenary, London, July 4 to 8, 1910. Second edition, *&c. See* SWEDENBORG SOCIETY. 8⁰. 1911.

SVEDENSTIERNA (ERIK THOMAS) [1765 – 1825] *See* AFHANDLINGAR I FYSIK, KEMI OCH MINERALOGI. Utgifne af . . . E. T. Svedenstierna. Del. IV–VI. 8⁰. 1815–18.

SVEDMARK (LENNART EUGÈNE) [1847–] Halle- och Hunnebergs Trapp. Geognostiskt och mikroskopiskt undersökt. *pp. 35. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 25. 8⁰. 1878.

Svedmark (L. E.) Mikroskopisk undersökning af de vid Djupadal i Skåne förekommande Basaltbergarterna. *pp. 12 : 2 pls. col. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 60. 8⁰. 1883.

Svedmark (L. E.) Proterobas i södra och mellersta Sverige. *pp. 13. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 76. 8⁰. 1885.

Svedmark (L. E.) Om Granitens och Gneisens förhållande till hvarandra i trakten mellan Stockholm och Norrtelge. *pp. 18. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 77. 8⁰. 1885.

Svedmark (L. E.) Gabbron på Rådmansö och angränsande trakter af Roslagen. *pp. 118 : 4 pls. col., 2 maps col., text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 78. 8⁰. 1885.

Svedmark (L. E.) Orografiska studier inom Roslagen. *pp. 28 : 1 map. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 88. 8⁰. 1887.

Svedmark (L. E.) Om Uralitporfyrn och Hälleflintan vid Viksala. *pp. 26 : text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 94. 8⁰. 1888.

Svedmark (L. E.) Pyroxen och Amfibolförande bergarter inom sydvestra Sveriges Urberg. *pp. 21. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 97. 8⁰. 1888.

Svedmark (L. E.) Meddelanden om Jordstötar i Sverige. 5 Pt. *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 107, 122, 137, 167. 8⁰. 1890–97.

Svedmark (L. E.) Beskrifning öfver Berggrunden inom Hallands län. *pp. 16. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 131. 4⁰. 1893.

Svedmark (L. E.) Ytterligare om flottholmen i sjön Ralången. *pp. 10. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 138. 8⁰. 1894.

Förhandl. Geol. Fören. Stockholm. Bd. XVI, h. 4.

Svedmark (L. E.) Geologiska meddelanden från resor i Dalarne och Helsingland. *pp. 43 . 1 geol. map col.* — Orsa Finmarks Geologi. *pp. 37 : 1 geol. map col. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 147. 8⁰. 1895.

Svedmark (L. E.) Jordskalf i Sverige, 1904–1906 [With Preface by J. G. Andersson]. *pp. 124 : 4 maps (col.) See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 211 [= Årsbok II (1908), no. 3]. 8⁰. 1908.

Svedmark (L. E.) [For official publications in connection with the Survey] *See* SWEDEN.—*Sveriges Geologiska Undersökning.*

SVENDSEN (CARL JOHAN) Ueber den Harzfluss bei den Dicotylen, speziell bei *Styrax, Canarium, Shorrea, Toluifera* und *Liquidambar. pp. 84 : text illust. See* ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB. Bd. XXVI, no. 13. 8⁰. 1905.

SVENONIUS (FREDRIK VILHELM) [1852 –] Om "Sevegruppen" i nordligaste Jemtland och Ångermanland samt dess förhållande till fossilförande lager. *pp. 16 : 2 pls. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 45. 8⁰. 1881.

Svenonius (F. V.) Till frågan om förhållandet mellan "Wemdals-Qvartsiten" och siluriska formationen inom södra delen af Jämtlands län. *pp. 29 : 1 map col. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 49. 8⁰. 1882.

Svenonius (F. V.) Om Olivinstens- och Serpentinförekomster i Norrland. *pp. 30 : 1 map col. See* SWEDEN. —*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 56. 8⁰. 1883.

Svenonius (F. V.) Studier vid Svenska jöklar. *pp. 36 : 3 maps col. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 61. 8⁰. 1884.

Svenonius (F. V.) Några profiler inom mellersta Skandinaviens skifferområde. *pp. 26 : 1 pl. col. See* SWEDEN. —*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 75. 8⁰. 1885.

Svenonius (F. V.) Om Berggrunden i Norrbottens län och utsigterna till brytvärda Apatitförekomster derstädes. *pp. 43 : 1 map col., text illust. See* SWEDEN. —*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 126. 8⁰. 1892.

Svenonius (F. V.) Forskningsresor i Kvikkjokks fjälltrakter, åren 1892 och 1893, med särskild hänsyn till Apatitförekomster. *pp. 36 : 1 map, text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 146. 8⁰. 1895.

Svenonius (F. V.) Nasafjälls Zinc- och Silfvergrufvor i Norbottens län. *pp. 28 : 2 geol. maps col., text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 154. 8⁰. 1895.

Svenonius (F. V.) Några bidrag till belysning af Eruptivens betydelse för Fjällbildningarna. *pp. 31 : 1 pl. col. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 164. 8⁰. 1896.

Svenonius (F. V.) Studien über den Kårso- und die Kebnegletscher, nebst Notizen über andere Gletscher im Jukkasjärvigebirge. *pp. 53 : 7 pls., text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Ser. Ca. Afhandlingar, *&c.* No. 5, I. 4⁰. 1910.

Svenonius (F. V.) [For official publications in connection with the Survey] *See* SWEDEN. — *Sveriges Geologiska Undersökning.*

SVENONIUS (JOHANNES) Specimen . . . de usu Plantarum in Islandia indigenarum in arte tinctoria, *&c. pp. 32.* 8⁰. *Hafniæ*, 1776.

SVENSK-BOK-KATALOG. For åren 1866–1875 (—1876–85→) 8⁰. *Stockholm* (1878→).
For Swedish Literature published in 1830–1865, *See* LINNSTRÖM (H.) Svenskt Boklexikon.

SVENSK BOTANISK TIDSKRIFT . . . Redaktör . . . O. Rosenberg. Bd. I→ 1907→ *See* STOCKHOLM.—*Svenska Botaniska Föreningen.* 8⁰. 1908→

SVENSKA BOTANISKA FÖRENINGEN. *See* STOCKHOLM.

SVENSSON (ISACUS) [Dissertatio de Pane Diætetico, quem, sub præsidio . . C. Linnæi, proposuit I. Svensson, *&c.* 8⁰. (1757.)]
Wanting.

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. V, no. 79. 8⁰. 1760.

—— —— Editio secunda, *&c.* 8⁰. 1788.

Svensson (I.) Vom Brod. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. I, no. 8. 8⁰. 1776.

SVENSSON (NIKOLAUS A.) Om den Fanerogama och Kärlkryptogama vegetationen kring Kaitumsjöarne i Lule Lappmark. *pp. 46 : text illust. See* STOCKHOLM. — KONGLIGA SVENSKA-VETENSKAPS AKADEMIEN. Bihang till . . . Handlingar. Bd. XXI, afd. III, no. 1. 8⁰. 1895 (1896).

SVERDRUP (OTTO) Report of Capt. O. Sverdrup on the drifting of the Fram from March 14th, 1895. *See* NANSEN (F.) Nansen's "Farthest North," *&c.* Vol. II. 8⁰. 1897.

SVERIGES ZOOLOGISKA HAFSSTATION. *See* KRISTINEBERG.

SVITZER (ERIK) [1792–1866] Bericht von . . . Variationen der Verzweigung der Augennerven und ihrer Verbindung mit einander. *pp. 34 [1] : 5 pls.* 4⁰. *Kopenhagen*, 1845.

SWAINSON (WILLIAM) [1789–1855] Zoological Illustrations, or original figures and descriptions of new, rare, or interesting Animals, selected chiefly from the classes of Ornithology, Entomology, and Conchology, *&c.* 3 Vol. *illust. col.* 8⁰. *London*, 1820–23.

—— Second Series. 3 Vol. *illust. col.* 8⁰. *London*, 1829–33.

Swainson (W.) [Exotic Conchology; or figures and descriptions of rare, beautiful, or undescribed shells, *&c.* 4⁰. *London*, 1821 (-22).]
Wanting.
It was re-issued in 5 parts in 1834 (-35).

—— Second edition, edited by S. Hanley. (Appendix. Containing Mr. Swainson's descriptions of the unfigured Shells of the first edition, together with those described by him in Bligh's Catalogue.) *pp. 39 : 48 pls. col.* 4⁰. *London*, 1841.

Swainson (W.) A Catalogue of the . . . Shells, which formed the . . . collection of . . . Mrs. Bligh. With an appendix, containing . . . descriptions of many new species. *pp. 58 [2,] 20 : 2 pls. col.* 4⁰. *London* (1822).
Sale catalogue.
The Appendix was reprinted in the second edition of the author's "Exotic Conchology" [*q.v.* supra].

Swainson (W.) Observations on several of the genera and species of the Order Passeres of Cuvier. *See* CUVIER (G. L. C. F. D.) *Baron.* The Animal Kingdom . . . with additional descriptions of . . . species . . . by E. Griffith . . . and others. Vol. VIII. 8⁰. [1830.]

Swainson (W.) A preliminary discourse on the study of Natural History. *pp. viii, 462 : engr. title.* 8⁰. *London*, 1834.
Lardner's Cabinet Cyclopædia.

Swainson (W.) The Elements of modern Conchology, *&c. pp. viii, 62.* 12⁰. *London*, 1835.

Swainson (W.) A Treatise on the geography and classification of Animals. *pp. vii, 367 : text illust., engr. title.* 8⁰. *London*, 1835.
Lardner's Cabinet Cyclopædia.

Swainson (W.) On the natural history and classification of Birds. 2 Vol. *illust.* 8⁰. *London*, 1836–37.
Lardner's Cabinet Cyclopædia. Vol. V & VI.
Some copies have bound in at the end, as recommended, Pt. III of the author's "Animals in Menageries," 1838 [*q.v.* infra] entitled :—"Two centenaries and a quarter of Birds," *&c.*

Swainson (W.) Birds of Western Africa. (Memoir of Bruce.—Le Vaillant.) 2 Pt. *illust. col.* 8⁰. *Edinburgh, &c.*, 1837.
The Naturalist's Library. Vol. XVII, XIX. (Ornithology. Vol. XI & XII.)

—— [Another issue.] 8⁰. *Edinburgh, &c.* [1845–46.]
The Naturalist's Library. [Second issue.] Vol. XI & XII. (Ornithology. Vol. XI & XII.)

Swainson (W.) Animals in Menageries. 3 Pt. *pp. vi, 373 : text illust.* 8⁰. *London* [1838].
Lardner's Cabinet Cyclopædia.

Swainson (W.) Flycatchers. (Memoir of Baron Haller.) *pp. 256 : 31 pls. col., port., engr. title.* 8⁰. *Edinburgh, &c.*, 1838.
The Naturalist's Library. Vol. XXI. (Ornithology. Vol. X.)

—— [Another issue.] 8⁰. *Edinburgh, &c.* [1845–46.]
The Naturalist's Library. [Second issue.] Vol. XIII. (Ornithology. Vol. XIII.)

Swainson (W.) The natural history of Fishes, Amphibians & Reptiles, or monocardian Animals. 2 Vol. *illust.* 8⁰. *London*, 1838–39.
Lardner's Cabinet Cyclopædia.

Swainson (W.) Taxidermy; with the biography of Zoologists, and notices of their works. *pp. 392 : text illust., engr. title.* 8⁰. *London*, 1840.
Lardner's Cabinet Cyclopædia.

Swainson (W.) A Treatise on Malacology; or the natural classification of Shells and Shell-fish. *pp. viii, 419 : text illust.* 8⁰. *London*, 1840.
Lardner's Cabinet Cyclopædia.

Swainson (W.) On the habits and instincts of Animals. *pp. vi, 375 : text illust., engr. title.* 8⁰. *London*, 1840.
Lardner's Cabinet Cyclopædia.

Swainson (W.) A selection of the Birds of Brazil and Mexico. *pp. 4 : 78 pls. col.* 8⁰. *London*, 1841.

Swainson (W.) & **Richardson** (*Sir* J.) [Birds of North America.] *See* RICHARDSON (*Sir* J.) Fauna Boreali-Americana, *&c.* Pt. 2. 4⁰. 1831.

Swainson (W.) & **Shuckard** (W. E.) On the history and natural arrangement of Insects. *pp.* [*iv*,] *406 : text illust.* 8⁰. *London*, 1840.
Lardner's Cabinet Cyclopædia. Vol. x.

SWALLOW, *H.M.S.* An account of the Voyages undertaken . . . in the Southern Hemisphere . . . by . . . Capt. Carteret (1766–69) . . . in . . . the Swallow, *&c.* [Second edition.] *See* HAWKESWORTH (J.) 4⁰. 1773.

Swallow, *H.M.S.* Capt. Carteret's Voyage in H.M.S. the Swallow. *See* PARKINSON (S.) A Journal of a Voyage to the South Seas, *&c.* 4⁰. 1784.

SWALLOW (GEORGE CLINTON) [1817–1899] Geological report of the country along the line of the South-Western Branch of the Pacific Railroad, *&c.* *pp. xvii, 93 : 2 pls., 1 map col.* *See* MISSOURI, *State of.* 8⁰. 1859.

Swallow (G. C.) [For official reports as State Geologist] *See* KANSAS, *State of.—Geological Survey.*
See MISSOURI, *State of.—Bureau of Geology and Mines.*

SWAMMERDAM (JAN) [1637–1680] J. Swammerdam . . . Historia Insectorum generalis, ofte algemeene verhandeling van de Bloedeloose Dierkens, *&c.* *pp.* [*xxiv*,] *168* [*48*], *1 tab. : 13 pls.* DUTCH. 4⁰. *'t Utrecht*, 1669.
Wanting plate VII.

Swammerdam (J.) J. Swammerdamii . . . Historia Insectorum generalis . . . Ex Belgica Latinam fecit H. C. Henninius. *pp.* [*xvi*,] *212* [*17*], *1 tab. : 13 pls.* 4⁰. *Lugd. Batavorum*, 1685.

—— Editio nova. *pp.* [*xvi*,] *212* [*17*], *1 tab. : 13 pls.* 4⁰. *Lugduni Batavorum*, 1733.

Swammerdam (J.) Les Observations de J. Swammerdam sur les Insectes, *&c.* *See* COLLECTION ACADÉMIQUE, *&c.* Partie Étrangère, Tom. v. 4⁰. 1758.

Swammerdam (J.) [Ephemeri vita, of afbeeldingh van's menschen leven, vertoont in de . . . historie van het vliegent ende een-dagh-levent Haft of Oever-Aas, *&c.* 8⁰. *Amsterdam*, 1675.]
Wanting.

Ephemeri vita, or the natural history and anatomy of the Ephemeron, *&c.* [Translated, with a preface, by E. Tyson.] *pp.* [*viii*,] *44* [*viii*] : *5 pls.* 4⁰. *London*, 1681.

Swammerdam (J.) Bybel der Natuure door J. Swammerdam . . . of Historie der Insecten, *&c.*—J. Swammerdammii . . . Biblia Naturæ ; sive Historia Insectorum . . . Insertis numerosis rariorum naturæ observationibus. Omnia lingua Batava . . . conscripta. Accedit præfatio, in qua vitam auctoris descripsit H. Boerhaave . . . Latinam versionem adscripsit H. D. Gaubius. 2 Tom. & Atlas, *53 pls.* fol. *Leydæ*, 1737–38.
Latin and Dutch in parallel columns.

Swammerdam (J.) The book of Nature ; or, the history of Insects . . . With the Life of the author, by H. Boerhaave . . . Translated from the Dutch and Latin original edition, by T. Flloyd. Revised and improved by notes from Réaumur and others, by J. Hill. *pp. xx* [*viii*,] *236, 153, lxiii* [*12*] : *53 pls.* fol. *London*, 1758.

Swammerdam (J.) J. Swammerdamm . . . Bibel der Natur . . . Nebst H. Boerhave Vorrede von dem Leben des Verfassers. Aus dem Holländischen übersetzt. *pp.* [*viii*,] *xii, 410* [*14*] : *53 pls.* fol. *Leipzig*, 1752.
Printed in double column.

Swammerdam (J.) Memoir of Swammerdam. *See* DUNCAN (J.) Entomology. Vol. I. 8⁰. [1845–46.]

SWAN (JOSEPH) [1791–1874] A demonstration of the Nerves of the Human Body. *pp. vi, 36 : 25 pls.* fol. *London*, 1830 [–35].
Printed in double column. Each plate is accompanied by an index plate in outline.

—— [Another edition.] *pp. iv, 98, lxxxii* [*1*] : *25 pls.* 4⁰. *London, &c.*, 1834.

Swan (J.) [Illustrations of the comparative anatomy of the Nervous System. 4⁰. *London*, 1835.]
Wanting.

—— Second edition. *pp. xi, 250 : 35 pls.* 4⁰. *London*, 1864.

SWAN RIVER COLONY.
See WESTERN AUSTRALIA.

SWANN (H. KIRKE) *See* NATURE-STUDY . . . Edited by H. K. Swann, *&c.* Vol. I—II, no. 21. 8⁰. 1892–94.

Swann (H. K.) The Birds of London. *pp. xv, 136.* 8⁰. *London*, 1893.

Swann (H. K.) Nature in Acadie [*i.e.* Nova Scotia]. *pp. viii, 74 : 1 pl.* 8⁰. *London*, 1895.

Swann (H. K.) A concise Handbook of British Birds. *pp. viii, 210.* 8⁰. *London*, 1896.

Swann (H. K.) A Dictionary of English and Folk-Names of British Birds, with their history, meaning, *&c.* *pp. xii, 266.* 8⁰. *London*, 1913.

SWANTON (ERNEST W.) A monograph of British Puff-balls and Earth-balls (*Lycoperdon* and *Scleroderma*). *pp. 6 : 1 pl., text illust.* *See* NATURALISTS' JOURNAL, *The, &c.* Vol. v [with which it was issued]. 8⁰. 1896.

Swanton (E. W.) A monograph of British Boleti, *&c.* *pp. 13.* *See* NATURALISTS' JOURNAL, *The, &c.* Vol. VII, Append. T. 8⁰. 1898.

Swanton (E. W.) Fungi and how to know them : an introduction to field Mycology. *pp. xi, 210 : 48 pls.* (*col.*), *text illust.* 8⁰. *London* (1909).

Swanton (E. W.) The Mollusca of Somerset (Land, Freshwater, Estuarine and Marine). *pp. xlii, 85 : 5 pls., text illust.* 8⁰. *Taunton* [1911–] 1912 [–13].
Issued as a supplement to the "Proceedings of the Somersetshire Archæol. & Nat. Hist. Soc." Vol. LVI–LVIII.

Swanton (E. W.) British Plant-Galls : a classified text-book of Cecidology . . . With Introduction by Sir J. Hutchinson, *&c.* *pp. xv, 287 : 32 pls.* (*col.*), *text illust.* 8⁰. *London* (1912).

SWARTZ (ERNEST) Examen Classis Diandriæ. In Systemate Sexuali . . . p. p. E. Swartz, *&c.* *See* THUNBERG (C. P.) 4⁰. [1824.]

Swartz (E.) De Gummi Ammoniaco Dissertatio . . . offert E. Swartz, *&c.* *See* THUNBERG (C. P.) 4⁰. [1828.]

SWARTZ (Olof) [1760-1817] Methodus Muscorum illustrata. Quam . . . præside . . . C. a Linné . . proponit O. Swartz. *See* Linné (C. von) *the Younger.* 4⁰. [1781.]

—— [Re-issue.] 8⁰. [1783.]
Acta Med. Suec. Vol. I. *pp 155–204 : 3 pls.*

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates, *&c.* Vol. x. 8⁰. 1790.

Swartz (O.) Nova genera & species Plantarum, seu prodromus descriptionum Vegetabilium maximam partem incognitorum, quæ sub itinere in Indiam occidentalem annis 1783–87 digessit O. Swartz. *pp. x, 152.* 8⁰. *Holmiæ, &c.*, 1788.

Swartz (O.) Observationes Botanicæ, quibus Plantæ Indiæ occidentalis aliæque Systematis Vegetabilium ed. xiv. illustrantum earumque characteres passim emendantur. *pp.* [*iv,*] *424 : 11 pls.* 8⁰. *Erlangæ*, 1791.

Swartz (O.) Icones Plantarum incognitarum quas in India occidentali detexit atque delineavit O. Swartz . . . Fasc. I.† *pp. 8 : 13 pls. col.* fol. *Erlangæ*, 1794.

Swartz (O.) O. Swartz . . . Flora Indiæ occidentalis aucta atque illustrata, sive descriptiones Plantarum in prodromo recensitarum. 3 Vol. *illust.* 8⁰. *Erlangæ*, 1797–1806.

Swartz (O.) O. Swartz . dispositio systematica Muscorum frondosorum Sveciæ. Adjectis descriptionibus et iconibus novarum specierum. *pp. 112 : 9 pls. col.* 8⁰. *Erlangæ*, 1799.

Swartz (O.) On the genera of Orchideæ, and their systematical arrangement. *See* Botany. Tracts relative to Botany, *&c.* 8⁰. 1805.
The Swedish original appeared in the "K. Svensk. Vetensk.-Akad. Nya Handl.," Tom. xxi, 1800.

Swartz (O.) Genera and species of the natural orders of the Orchideæ. *See* Botany. Tracts relative to Botany, *&c.* 8⁰. 1805.
The Latin original was published in the "Neues Journ. für die Botanik," Bd. I, 1805.

Swartz (O.) O. Swartz . . . synopsis Filicum earum genera et species systematice complectens. Adjectis Lycopodineis et descriptionibus novarum et rariorum specierum. *pp. xviii, 445 : 5 pls.* 8⁰. *Kiliæ*, 1806.

Swartz (O.) Svensk Zoologi . . . Text författad af O. Swartz. [Bd. I, hft. 2—] Bd. II [hft. 10 or 11]. *See* Palmstruch (J. W.) 8⁰. [1806–] 1809 [–13].

Swartz (O.) Svensk Botanik . . . med Text författad af O. Swartz. Bd. v–viii. *See* Palmstruch (J. W.) 8⁰. 1807–19.

Swartz (O.) Lichenes Americani quos partim in Flora Indiæ occidentalis descripsit, partim e regionibus diversis Americæ obtinuit D. O. Swartz, *&c.* Fasc. I.† *pp.* [*vi,*] *25 : 18 pls. col.* 8⁰. *Norimbergæ*, 1811.

Swartz (O.) Summa Vegetabilium Scandinaviæ systematice coordinatorum [by O. Swartz]. *See* Scandinavia. 8⁰. 1814.

Swartz (O.) Adnotationes Botanicæ quas reliquit O. Swartz . . . post mortem auctoris collectæ . . atque notis et præfatione instructæ a J. E. Wikstrom, accedit Biographia Swartzii, auctoribus C. Sprengel et C. A. Agardh [a Bibliography], *&c.* *pp. lxxiv, 188 : 3 pls., 1 port.* 8⁰. *Holmiæ*, 1829.
The memoir by Sprengel is reprinted from the "Nova Acta Acad. Cæs. Leop.-Carol.," Tom. x, 1821. An English translation of it appeared in Brewster's "Edinburgh Phil. Journ.," Vol. viii, 1823.
Agardh's biography is from "Flora," Jahrg. iii, bd. ii, 1820.

Swartz (O.) Ueber einige Farne in O. Swartz' Herbarium. Von C. Christensen. *pp. 46 : 5 pls., text illust. See* Stockholm. — kongliga svenska vetenskaps-akademien. Arkiv för Botanik, *&c.* Bd. ix, no. 11. 8⁰. 1910.

SWAYNE (George) [1746–1827] Gramina pascua: or, a collection of specimens of the common Pasture Grasses, arranged in the order of their flowering, and accompanied with . . . familiar descriptions and remarks. *6 sheets of mounted specimens, with descriptive letterpress.* fol. *Bristol*, 1790.

SWAYNE (Harold George Carlos) Seventeen trips through Somáliland, a record of exploration and big-game shooting, 1885–93 . . . With descriptive notes on the wild Fauna of the country, *&c.* *pp. xx, 386 : 7 pls., 2 maps, text illust.* 8⁰. *London*, 1895.

SWAYSLAND (W.) Familiar Wild Birds . . . First (—Second) Series. (Eggs and Egg-collecting. By R. Kearton.) 2 Vol. *illust. col.* 8⁰. *London, &c.*, 1883 [–84?].

Swaysland (W.) & **others.** The illustrated book of Canaries and Cage Birds, British and Foreign. By W. A. Blakston, W. Swaysland, *&c.* *See* Blakston (W. A.) *& others.* 4⁰. [1877–80.]

SWEDBERG (Emanuel) *See* Svedenborg.

SWEDEN. Ten years in Sweden, being a description of the . . . Forests, Mines . . . and Fauna of Scandinavia. By an old Bushman [*i.e.* H. W. Wheelwright]. *pp. xvi, 592.* 8⁰. *London*, 1865.

Sweden. Sveriges Biologiska Disputations- och Program-Litteratur, 1700–vårterminen 1910, systematiskt ordnad af O. E. A. Hjelt. *pp. viii, 210.* *See* Helsingfors. — finska vetenskaps-societeten. Bidrag till Kånnedom af Finlands Natur och Folk, *&c.* Hft. 70, no. 1. 8⁰. 1911.

Sweden. [192 original water-colour drawings, on 24 sheets, of Swedish Moths, Caterpillars and Spiders.]
Banksian MSS. no. 87. *Vide* Dryander's "Cat. Bibl. Banks," Vol. II, p. 228.

SWEDEN. [*Voyages, &c.—Antarctic, 1901–03.*] Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901–1903, unter Mitwirkung zahlreicher Fachgenossen, herausgegeben durch O. Nordenskjöld, *&c.* Bd. I→ *See* Nordenskjöld (N. O. G.) 4⁰. 1905→

Sweden. [*Voyages, &c.—Antarctic, 1901–03.*] Priapulids and Sipunculids dredged by the Swedish Antarctic Expedition, 1901–1903, and the phenomenon of bipolarity, by H. Théel. *pp. 36 : 5 pls., text illust. See* Stockholm. — kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xlvii, no. 1. 4⁰. 1911.

Sweden. [*Voyages, &c.—Arctic, 1898, 1899 & 1900.*] Arctic Crustacea collected during the Swedish Expeditions, 1898 . . . 1899 (and 1900), under the direction of . . . A. G. Nathorst (and . . . G. Kolthoff) . . . By A. Ohlin. 2 Pt. *illust. See* Stockholm. — kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xxvi, afd. iv, no. 12; xxvii, afd. iv, no. 8. 8⁰. 1901 (1902).

Sweden. [*Voyages, &c.—Arctic, 1900.*] Mollusca und Brachiopoda gesammelt von der Schwedischen Zoologischen Polarexpedition nach Spitzbergen, dem nordöstlichen Grönland und Jan Mayen im J. 1900. Von R. Hägg. 2 Pt. *illust. See* Stockholm. — kongliga svenska vetenskaps-akademien. Arkiv för Zoologi, *&c.* Bd. II, no. 2 & 13. 8⁰. 1904–05.

Sweden. [*Voyages, &c.—Arctic, 1900.*]
Die Hydroiden der Schwedischen Zoologischen Polarexpedition, 1900. Von E. Jäderholm. *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. IV, no. 12. 8⁰. 1902 (1903).

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Ueber die von . . . E. Lönnberg in British [*sic*] Ostafrika eingesammelten Termiten. Von Y. Sjöstedt. *pp. 3. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 18. 8⁰. 1911.

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Anatomical notes on Mammals obtained in British East Africa by the Swedish Zoological Expedition, 1911. By E. Lönnberg. I→ *illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLIX, no. 7. 4⁰. 1912.

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Physapoden, gesammelt von der Schwedischen Expedition nach dem Brittischen Ostafrika. *pp. 12. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 22. 8⁰. 1912.

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Scorpions, Solpugids (by E. Lönnberg) and Ixodides (by L. G. Neumann) collected by the Swedish Zoological Expedition to Brit. East Africa, 1911, *&c. pp. 8. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 24. 8⁰. 1912.

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Crustacea collected by the Swedish Zoological Expedition to British East Africa, 1911. By E. Lönnberg, and G. Budde-Lund. *pp. 9 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 26. 8⁰. 1912.

Sweden. [*Voyages, &c.—British East Africa, 1910–11.*]
Oligochäten vom Kenia-Distrikt in Britisch-Ostafrika, gesammelt von der Schwedischen Zoologischen Expedition, 1911. Von W. Michaelsen. *pp. 5 : 1 pl., text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. VII, no. 32. 8⁰. 1913.

Sweden. [*Voyages, &c.—Chaco-Cordilleras, 1901–02.*]
Araneida from the Swedish Expedition through the Gran Chaco and the Cordilleras. By A. Tullgren. *pp. 81 : 10 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. II, no. 19. 8⁰. 1905.

Sweden. [*Voyages, &c.—Chaco-Cordilleras, 1901–02.*]
Ascomyceten der Schwedischen Chaco-Cordilleren-Expedition. Von K. Starbäck. *pp. 35 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. V, no. 7. 8⁰. 1905.

Sweden. [*Voyages, &c.—Eugenie.*]
Kongliga Svenska Fregatten Eugenies Resa omkring jorden under befäl af C. A. Virgin, åren 1851–53. Vetenskapliga iakttagelser . . . utgifna af K. Svenska Vetenskaps-Akademien. 2 Vol. *illust.*
4⁰. *Stockholm* (*& Uppsala*), 1857–1910.

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- II. Enumeratio Plantarum in Insulis Galapagensibus hucusque observatarum. [By N. J. Andersson.] *pp. 35–114 : pls. ii, v, viii, x–xvi.* — ,, 11, 1861.
- III. Plantæ . . . a N. J. Andersson circa Guayaquil collectæ, quas descripsit F. W. C. Areschoug. *pp. 115–142.* — ,, 15, 1910.

[**Sweden.** [*Voyages, &c.—Eugenie.*] (contd.)]
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  - Index Generum. *pp. 615–617.*
- II. Arachnider.
  - Araneæ. Species novæ minusve cognitæ, descriptæ a T. Thorell. *pp. 1–34.* — ,, ? 1868.
  - —— [Another edition.] *pp. 1–36.* [Pp. 33 & 34 have been reprinted and pp. 35 & 36 added.] — ,, 16, 1910.
- III. Annulater [by J. G. H. Kinberg]. *pp. 1–8 : pls. i–viii.* — ,, 2, 1857.
  - —— —— *pp. 9–32.* — ,, 4, 1858.
  - —— —— *pp. 33–78 : pls. ix–xxix.* — ,, 16, 1910.

  These later pages, *33–78*, with plates IX–XXIX, were published after Kinberg's death, edited by J. H. Théel, *See p. 77.*

The remaining Parts, 3, 5, 8, 9, 13 and 14, contain the section "Fysik" or the French translation, "Physique."

Sweden. [*Voyages, &c. — Hydrographical : Swedish Seas, 1877.*]
[For the scientific results of the "Svenska Hydrografiska Expeditionen," 1877, under the leadership of F. L. Ekman] *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXV, no. 1 ; XXVII, no. 2. 4⁰. 1893–94.

The latter contains the Biological results.

Sweden. [*Voyages, &c. — Hydrographical : Swedish Seas, 1896.*]
[For the scientific results of the "Svenska Hydrografiska Undersökningar," 1896, under the leadership of G. Ekman, O. Pettersson and A. Wijkander] *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. III, no. 5. 8⁰. 1896 (1897).

Sweden. [*Voyages, &c.—Magallanes, 1895–97.*]
Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895–1897, unter Leitung von . . . O. Nordenskjöld. 3 Bd. *illust.*
8⁰. *Stockholm*, 1899–1907.

Bd. I. Geologie, Geographie und Anthropologie. *pp. [i,] 256 : 15 pls., 2 maps col., 1 port., text illust.*

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1. Preliminary Report of the Origin, Plan, and General Progress of the Swedish Expedition to the Magellan Territories in 1895–97. By . . . O. Nordenskjöld.
2. Ueber die posttertiären Ablagerungen der Magellansländer, nebst einer kurzen Uebersicht ihrer tertiären Gebilde. Von O. Nordenskjöld.
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3. On the Scorpions. By . . . E. Lönnberg.
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5. Poissons II, par F. A. Smitt. [Bihang till K. Svensk. Vet.-Akad. Handlingar. Bd. XXIV, afd. IV, no. 5, 1898.]

[**Sweden.** [*Voyages, &c.—Magallanes, 1895–97.*](contd.)]
[Wissenschaftliche Ergebnisse, *&c.* (contd.)]

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3. Uredineæ et Ustilagineæ Fuegianæ a P. Dusén collectæ, von F. W. Neger.
[Öfvers. K. Svensk. Vet.-Akad. Förhandl. Årg. LVI, 1899, no. 7.]
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7. Report on the Diatoms of the Magellan Territories. By P. T. Cleve.
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Hft. 2. 1905.

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[Bihang till K. Svensk. Vet.-Akad. Handlingar. Bd. XXVI, afd. III, no. 17, 1901.]
10. Die Pflanzenvereine der Magellansländer, nebst einem Beitrage zur Oekologie der Magellanischen Vegetation, von P. Dusén.

Sweden. [*Voyages, &c.—Magallanes, 1895–97.*]
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Sweden. [*Voyages, &c.—Patagonia, 1907–09.*]
Botanische Ergebnisse der Schwedischen Expedition nach Patagonien und dem Feuerlande, 1907–1909, *&c.* [Pt.] I→ *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLVI, no. 3→ 4⁰. 1910→

Sweden. [*Voyages, &c.—Spitzbergen, 1890.*]
Redogörelse för den Svenska Expeditionen till Spetsbergen, 1890. Af G. Nordenskiöld. *pp. 93 : 6 pls., 1 map, text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVII, afd. II, no. 3. 8⁰. 1892.

Sweden. [*Voyages, &c.—Spitzbergen, 1908.*]
Zoologische Ergebnisse der Schwedischen Expedition nach Spitzbergen, 1908, *&c.* Teil I→ *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLV, no. 9→ 4⁰. 1910→

Sweden. [*Voyages, &c.—Yenisei, 1876.*]
Trollsländor (Odonater), insamlade under Svenska Expeditionen till Jenisei, 1876. *pp. 21 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XV, afd. IV, no. 4. 8⁰. 1889 (1890).

Sweden. [*Voyages, &c.—Yenisei, 1876.*]
Anteckningar från Svenska Jenisej-expeditionen, 1876. Af M. Brenner. *pp. 108. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. IX, no. 9. 8⁰. 1910.

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The maps are on various scales.

Sweden.—SVERIGES GEOLOGISKA UNDERSÖKNING.
Årsbok I→ (1907→) *See* supra, Ser. C. Afhandlingar, *&c.* No. 204→ 8⁰. 1907→
Each Årsbok contains an annual report of the Geological Survey.

Sweden.—SVERIGES GEOLOGISKA UNDERSÖKNING.
Underdånig Berättelse om en på nådig befallning år 1875 företagen undersökning af malmfyndigheter inom gellivare och Jukkasjärvi socknar af Norbottens län . . . Med . . . en Fransk resumé. *pp. 144 (12) : 5 maps col., text illust. See* supra, Ser. C. Afhandlingar. No. 23, 24. 4⁰. 1877.

Sweden.—SVERIGES GEOLOGISKA UNDERSÖKNING.
Underdånig Berättelse om en undersökning af mindre kända malmfyndigheter inom Jukkasjärvi malmtrakt och dess omgifningar, *&c.* [A humble report on the exploration of the less known live lodes in the region of Jukkasjärvi and its neighbourhood, *&c.*] *pp. 156 : 10 pls., 8 maps col., text illust.* 4⁰. & fol. *Stockholm*, 1900.
Also reckoned as Ser. C. Afhandlingar, *&c.* No. 183.

Sweden.—SVERIGES GEOLOGISKA UNDERSÖKNING.
[*Maps.*] Geologisk Jordartskarta öfver Hallands län, med bidrag af länets Hushållningssällskap . . . skalan 1 : 100,000 [*i.e.* 1 in. = 1½ m about]. 4 sh. 1892.
This illustrates Ser. C. Afhandlingar, No. 131.

SWEDEN. [*Maps.*] Carte des Mines et des Forges principales de la Suède méridionale. Échelle 1 : 1,000,000 [*i.e.* 1 in. = 15¾ m. about]. *See* ÅKERMAN (R.) Sur l'état actuel de l'industrie du Fer en Suède, *&c.* 4⁰. 1878.

Sweden. [*Maps.*]
See also SCANDINAVIA.
[For Geological maps] *See* supra, *Sveriges Geologiska Undersökning.*

SWEDENBORG (EMANUEL) *See* SVEDENBORG.

SWEDENBORG SOCIETY. [Founded 1810.]
Transactions of the International Swedenborg Congress, held in connection with the Celebration of the Swedenborg Society's Centenary, London, July 4 to 8, 1910. Second edition, *&c.* *pp. xv, 373 : 34 pls., 27 ports.* 8⁰. *London*, 1911.

SWEDERUS (MAGNUS BERNHARD) [1840–] Botaniska trädgården i Upsala, 1655–1807. I. Akademisk afhandling, *&c.* *pp. 57.* 8⁰. *Falun*, 1877.

Swederus (M. B.) Tunikater från Sibiriens ishaf och Berings haf, insamlade under Vega expeditionen. *See* NORDENSKIÖLD (N. A. E. VON) Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. IV. 8⁰. 1887.

Swederus (M. B.) L Roberg och O. Rudbeck den yngre Sveriges första zoologer. Ett bidrag till den Svenska naturforskningens historia. *See* HULTH (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Swederus (M. B.) Linnés Vorlesungen über die Cultur der Pflantzen. Utgifven af M. B. Swederus. *See* UPSALA.—KONGLIGA UNIVERSITETET. Invitation du Recteur pour assister aux fêtes du bicentenaire de Linné . . . 1907. 8⁰. 1907.
Also issued in "Uppsala Univ. Årsskrift, 1907. Linnéfest-Skrifter," Bd. I.

Swederus (M. B.) Linné och Växtodlingen. *See* UPSALA.—KONGLIGA UNIVERSITETET. Invitation du Recteur pour assister aux fêtes du bicentenaire de Linné . . . 1907. 8⁰. 1907.
Also issued in "Uppsala Univ. Årsskrift, 1907. Linnéfest-Skrifter," Bd. II.

SWEDISH STATE MUSEUM.
See STOCKHOLM.—RIKSMUSEUM.

SWEERT (EMANUEL) [1552–] Florilegium E. Sweertii . . . Tractans de variis Floribꝫ et aliis indicis Plãtis ad vivum delineatum in duabus partibꝫ et quatuor linguis concinnatum. 2 Pt. [in 1 Vol.] fol. *Francofurti*, 1612, 14.
110 Plates, with alphabetical registers of the names of the Plants in Latin, German, Dutch and French.

—— [Another edition entitled :] Florilegium amplissimum, *&c.* 2 Pt. [in 1 Vol.] fol. *Amstelodami*, 1631.

SWEET (E. T.) [For official reports in connection with the Survey] *See* WISCONSIN, *State of.—Geological Survey.*

SWEET (GEORGE) & **David** (T. W. E.) The Geology of Funafuti. *See* ROYAL SOCIETY OF LONDON.—*Coral Reef Committee.* The Atoll of Funafuti, *&c.* 4⁰. 1904.

SWEET (ROBERT) [1783–1835] Hortus suburbanus Londinensis : or, a catalogue of Plants cultivated in the neighbourhood of London, *&c.* *pp. xi, 242.* 8⁰. *London*, 1818.

Sweet (R.) Geraniaceæ. The natural order of Gerania, *&c.* 5 Vol. *illust. col.* 8⁰. *London*, 1820–30.

Sweet (R.) The Botanical Cultivator ; or, instructions for the management and propagation of the Plants cultivated in the hothouses, greenhouses and borders, in the gardens of Great Britain, *&c.* *pp. 528.* 8⁰. *London*, 1821.

—— [Another edition entitled :] The Hothouse and Greenhouse Manual, or Botanical Cultivator . . . Fifth edition, *&c.* *pp. 714.* 8⁰. *London*, 1831.

Sweet (R.) The British Warblers. An account of the genus *Sylvia*, *&c.* *pp. 24* [*4*] *: 6 pls.* 8⁰. *London*, 1823.

Sweet (R.) The British Flower Garden ; containing coloured figures and descriptions of the most ornamental and curious hardy herbaceous Plants, *&c.* 3 Vol. *illust. col.* 8⁰. *London*, 1823–29.

—— Series the second, *&c.* 4 Vol. *illust. col.* 8⁰. *London*, 1831–38.

Sweet (R.) Cistineæ. The natural order of *Cistus*, or Rock-rose, illustrated by coloured figures and descriptions of all the . . . species, and the most prominent varieties . . . in the gardens of Great Britain, *&c.* *pp. xx, 112 : 112 pls. col.* 8⁰. *London*, 1825–30.

Sweet (R.) Sweet's Hortus Britannicus : or, a catalogue of Plants cultivated in the gardens of Great Britain, *&c.* *pp.* [*xvi,*] *492* [*23*]. 4⁰. *London*, (1826-) 1827.

—— Second edition, *&c.* *pp. xv, 623.* 8⁰. *London*, 1830

—— Third edition . . . edited by G. Don. *pp. xx, 799.* 8⁰. *London*, 1839.

Sweet (R.) Flora Australasica ; or a selection of handsome, or curious Plants, natives of New Holland, and the South Sea Islands . . . With magnified dissections of their most essential parts . . . by E. D. Smith, *&c.* *foll. 56 : 56 pls. col.* 8⁰. *London*, 1827–28.
Smith's original drawings are in the Botanical Department.

Sweet (R.) The Florist's Guide, and Cultivator's Directory ; containing coloured figures of the choicest flowers cultivated by florists . . . with their descriptions, *&c.* 2 Vol. *illust. col.* 4⁰. *London*, 1827–32.

Sweet (R.) The ornamental Flower Garden and Shrubbery, containing coloured figures and descriptions of . . . Flowering Plants and Shrubs cultivated in Great Britain, selected from the works of R. Sweet . . . D. Don, etc., to which are added English descriptions . . . by an eminent floriculturist. 4 Vol. *illust. col.* 4⁰. *London*, 1852–54.

Sweet (R.) & **Weddell** (H.) British Botany. No. 1. *See* WEDDELL (H.) & SWEET (R.) 4⁰. 1831.

SWENANDER (GUSTAF) Beiträge zur Fauna der Bären-Insel. I. Die Vögel. *pp. 50 : 3 pls.* (*2 col.*), *text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 3. 8⁰. 1900 (1901).

Swenander (G.) Studien über den Bau des Schlundes und des Magens der Vögel. *pp. 240 : 8 pls.* *See* DRONTHEIM. — KONGELIGT NORSKE VIDENSKABERS-SELSKAB. Det . . . Skrifter. 1901, no. 6. 8⁰. 1902.
Also issued as an Inaugural Dissertation.

Swenander (G.)
Ueber die Mauser der Lummen und Alken. *pp. 6.*
Ueber die Athecaten Hydroiden des Drontheimsfjordes. *pp. 18 : 1 pl.*
See DRONTHEIM.—KONGELIGT NORSKE VIDENSKABERS-SELSKAB. Det . . . Skrifter. 1903, no. 3 & 6. 8⁰. 1904.

Swenander (G.) Untersuchungen über den Vorderdarm einiger Vögel aus dem Sudan, *&c. pp. 13 : 2 pls. See* JÄGERSKIÖLD (L. A.) Results of the Swedish Zoological Expedition to Egypt and the White Nile, 1901, *&c.* No. 3a. 8⁰. 1904.

Swenander (G.) Bidrag till kännedomen om Trondhjemsfjordens Fiskar. *pp. 112, 23 tabs. . 5 pls. (1 col.) See* DRONTHEIM.—KONGELIGT NORSKE VIDENSKABERSSELSKAB. Det . . . Skrifter. 1905, no. 9. 8⁰. 1906.
Also forms "Meddelelse fra Trondhjems Biologiske Station. No. 1."

Swenander (G.) Ueber die Ernährung des Embryos der *Lamna cornubica. See* WIRÉN (A.) *& others.* Zoologische Studien . . . T. Tullberg . . . gewidmet, *&c.* 4⁰. 1907.

SWETE (EDWARD HORACE) [1827–1913] Flora Bristoliensis, *&c. pp. vii, 138 : 1 pl., 2 maps.* 8⁰. *London*, 1854.

SWEZEY (GOODWIN DELOSS) [1851–] Catalogue of the Phænogamous and Vascular cryptogamous Plants of Wisconsin. *See* WISCONSIN, *State of.—Geological Survey.* Geology of Wisconsin, *&c.* Vol. I. 8⁰. 1883.

SWIERSTRA (K. N.) Systematische naamlijst van Gewervelde Dieren voor de Diergaarde levend ingekomen van . . . 1838 tot . . . 1888. *See* AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Feest-Nummer III. 4⁰. 1888.

SWINDEREN (THEODOR VAN) Buffoni et Daubentoni figurarum Avium coloratarum nomina systematica. Collegit H. Kuhl . . edidit, præfatione et indicibus auxit T. van Swinderen, *&c. See* KUHL (H.) 4⁰. 1820.

SWINEY LECTURES ON GEOLOGY.
The manuscript abstracts of these lectures are entered under their authors as follows :—

1886, 1887	R. H. Traquair.
1888, 1889	W. R. McNab.
1890 to 1894	H. A. Nicholson.
1895	J. G. Garson.
1896 to 1900	R. H. Traquair.
1901 to 1905	J. S. Flett.
1906	R. F. Scharff.
1907	J. Cossar Ewart.
1908	R. F. Scharff.
1909 to 1913	T. H. Jehu.

SWINGLE (DEANE B.) Formation of the spores in the Sporangia of *Rhizopus nigricans* and of *Phycomyces nitens. pp. 40 : 6 pls. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 37. 8⁰. 1903.

Swingle (D. B.) & **Smith** (E. F.) The Dry Rot of Potatoes due to *Fusarium oxysporum. pp. 64 : 8 pls., text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 55. 8⁰. 1904.

SWINGLE (LEROY D.) The relation of the Sheep-Tick Flagellate (*Crithidia melophagia*) to the Sheep's blood. *pp. 16 : text illust. See* LARAMIE.—UNIVERSITY OF WYOMING.—*Wyoming Agricultural College.* Bulletin No. 91. 8⁰. 1911.

SWINGLE (WALTER TENNYSON) [1871] The Grain Smuts : their cause and prevention. 8⁰. *Washington*, 1895.
Yearbook U.S. Depart. Agriculture. 1894, *pp. 409–420.*

Swingle (W. T.) Bordeaux mixture : its . . . toxic effects on Fungi and Algæ. *pp. 37. See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 9. 8⁰. 1896.

Swingle (W. T.) The Grain Smuts : how they are caused and how to prevent them. *See* UNITED STATES. —*Department of Agriculture.* Farmers' Bulletin No. 75. 8⁰. 1898.

Swingle (W. T.) The Date Palm and its utilization in the southwestern States. *pp. 155 : 19 pls., 3 maps (col.), text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 53. 8⁰. 1904.

Swingle (W. T.) The limitation of the Satsuma Orange to Trifoliate-Orange stock. *pp. 10 : 1 pl., text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Circular No. 46. 8⁰. 1909.

Swingle (W. T.) [For official reports as special Agent] *See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.*

Swingle (W. T.) & **Cook** (O. F.) Evolution of Cellular Structures. *pp. 23 : 1 pl., text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 81. 8⁰. 1905.

Swingle (W. T.) & **Webber** (H. J.) The principal Diseases of Citrous Fruits in Florida. *pp. 40 [1] : 8 pls. (col.), text illust. See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 8. 8⁰. 1896.

SWINHOE (CHARLES) Catalogue of Eastern and Australian Lepidoptera Heterocera in the collection of the Oxford University Museum. 2 Pt. *See* OXFORD. —UNIVERSITY.—*University Museum.* 8⁰. 1892–1900.
Part II was published 10 Sept., 1900. (*Fide* Clarendon Press.)

Swinhoe (C.) Lepidoptera Indica. Pt. LXXVII→ *See* MOORE (F.) 4⁰. 1909→

Swinhoe (C.) & **Cotes** (E. C.) A Catalogue of the Moths of India. 6 Pt. *See* CALCUTTA.—*Indian Museum.* 8⁰. 1887–89.

SWINHOE (ROBERT) [1836–1877] Catalogue of the Birds of China, with remarks principally on their geographical distribution. *pp. 81.* 8⁰. [*London*, 1863.]
Proc. Zool. Soc. Lond. 1863.

Swinhoe (R.) Notes on the Island of Formosa . . . Read before the British Association at Newcastle. (Notes on the Ethnology of Formosa.) *pp. 32 (16) : 2 pls.* 8⁰. (*London*, 1863.)

Swinhoe (R.) The Ornithology of Formosa, or Taiwan. *pp. 145 : 3 pls.* 8⁰. [*London*, 1863.]
Ibis. Vol. v.

Swinhoe (R.) The natural history of Hainan, *&c. pp. 20.* 8⁰. *London*, 1870.
Republished from "The Field," 1870.

SWINTON (ARCHIBALD HENRY) Insect variety : its propagation and distribution, *&c. pp. x, 326 : 8 pls. (col.), text illust.* 8⁰. *London, &c.* [1880.]

SWITZER (STEPHEN) Ichnographia Rustica . . . Containing directions for the surveying and distributing of a country-seat into rural and extensive gardens . . . Second edition, *&c.* 3 Vol. *illust.* 8⁰. *London*, 1742.
The first edition appeared in 1718.

SWITZERLAND. Helvetische Entomologie, oder Verzeichniss der Schweizerischen Insekten nach einer neuen Methode geordnet.—Entomologie Helvétique, *&c.* [By J. P. de Clairville : the plates by Schellenberg.] 2 Vol. [in 1] *illust. col.* 8⁰. *Zürich*, 1798–1806.
French and German on opposite pages.

Switzerland. Manuel d'Herborisation en Suisse et en Valais, rédigé selon la systême de Linné . . . Avec l'indication d'un nouveau systême . . . Par l'Auteur de l'Entomologie Helvétique [*i.e.* J. P. de Clairville]. *pp. xxvii, 382.* 8⁰. *Winterthur*, 1811.

Switzerland. Partis primæ (—secundæ) Spicilegii Lichenum Helveticorum conspectus. *pp. 34 (18).* 8⁰. *Bernæ*, 1836 (-42).

This is a reprint of *pp. 369-380 & 569-574* of L. E. Schärer's "Lichenum Helveticorum Spicilegium."

SWITZERLAND.—CARTE GÉOLOGIQUE SUISSE. Beiträge zur geologischen Karte der Schweiz, herausgegeben von der Geologischen Commission der Schweiz. Naturforschenden Gesellschaft, *&c.* — Matériaux pour la Carte Géologique de la Suisse, *&c.* Lief. I→ 4⁰. & fol. *Neuenberg, &c.*, 1862→

Lief. XXXI→ (1891→) is also styled Neue Folge, lief. I→
Each part contains a separately-paged monograph.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Beiträge zur Geologie der Schweiz, *&c.* Geotechnische Serie. Lief. 1→ 4⁰. *Bern*, 1899→

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Notice explicative de la Feuille XI, 2de ed. (—XVI, 2de ed.) . . . au 1 : 100,000 [*i.e.* 1 in. = 1½ m. about], par E. Renevier et H. Schardt. 2 Pt. 8⁰. *Berne*, 1899-1900.

Eclogæ Geologicæ Helvetiæ. Vol. VI, no. 2 & 4.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte der Lägernkette in 1 : 25,000 [*i.e.* 1 m. = 2½ in. about], von F. Mühlberg. 8⁰. *Bern*, 1902.

Spezialkarte No. 25.
Eclogæ Geologicæ Helvetiæ. Vol. VII, *pp. 245-270.*

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte des unteren Aare-, Reuss- und Limmat-Tales in 1 : 25,000 [*i.e.* 1 m. = 2½ in. about], von F. Mühlberg. 8⁰. *Bern*, 1905.

Spezialkarte No. 31.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte der Gebirge zwischen Lauterbrunnenthal, Kanderthal und Thunersee in 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about] . . . von A. Baltzer. *pp. 38 : 1 pl. col., text illust.* 8⁰. *Zürich*, 1907.

Spezialkarte No. 43a & 43b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte der Simplongruppe in 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about], von C. Schmidt und H. Preiswerk (1892-1905), mit Verwertung der Aufnahmen von A. Stella (1898-1906). *pp. viii, 72 : 7 pls. (2 plain), 2 maps geol. col., text illust.* 8⁰. *Zürich*, 1908.

The Map is reckoned as Taf. I of the above. Taf. IV is a "Geologische Kartenskizze der Alpen zwischen St. Gotthard & Montblanc, entworfen von C. Schmidt . . . Massstab 1 : 350,000 [*i.e.* 1 in. = 5½ m. about]."

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte der Umgebung von Aarau 1 : 25,000 [*i.e.* 1 m. = 2½ in. about] . . . von . . . F. Mühlberg. *pp. 94 : 1 pl., text illust.* 8⁰. *Aarau*, 1908.

Spezialkarte No. 45.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte des Blauenberges bei Basel in 1 : 25,000 [*i.e.* 1 m. = 2½ in. about], von É. Grippin. *pp. 23.* 8⁰. *Zürich*, 1908.

Spezialkarte No. 49.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte des Bürgenstocks, Blatt II der geol. Karte der Pilatus-Bürgenstock-Rigihochfluhkette, in 1 : 25,000 [*i.e.* 1 m. = 2½ in. about] . . . Von A. Buxtorf, *&c.* *pp. 48 : 1 pl., 1 map, text illust.* 8⁰. *Basel*, 1910.

Spezialkarte No. 27a & 27b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur geologischen Karte der Umgebung des Hallwilersees und des oberen Sur- und Winentales, 1 : 25,000 [*i.e.* 1 m. = 2½ in. about], von . . . F. Mühlberg. *pp. 56.* 8⁰. *Aarau*, 1910.

Spezialkarte No. 54 & 54b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur Geologischen Karte der Schweiz 1 : 500,000 [*i.e.* 1 in. = 7 9/10 m. about]. II. Auflage, 1912 [*i.e.* 1911], *&c.* *pp. 14.* 8⁰. *Aarau*, 1912.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. Erläuterungen zur Geologischen Karte des Gebietes Roggen-Born-Boowald 1 : 25,000 [*i.e.* 1 m. = 2½ in. about], von F. Mühlberg und P. Niggli. *pp. 65.* 8⁰. *Aarau*, 1913.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte Géologique de la Suisse . . . sous la direction d'une Commission nommée par la Société Helvétique des Sciences naturelles, *&c.* Scale 1 : 100,000 [*i.e.* 1 in. = 1½ m. about]. 25 sh. *col. Bern*, 1859-87.

—— Deuxième édition. Bl. XI & XVI. *Winterthur*, 1893, 99.

These two sheets are accompanied by explanations [*q.v.* supra].

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte du phénomène erratique et des anciens Glaciers du versant nord des Alpes Suisses et de la chaîne du Mont-Blanc, par A. Favre. Échelle 1 : 250,000 [*i.e.* 1 in. = 3 9/10 m. about]. 4 sh. *col. Winterthur*, 1884.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Schweiz, 1 : 500,000 [*i.e.* 1 in. = 7 9/10 m. about] . . . von A. Heim & C. Schmidt. s.sh. *col.* [*Winterthur,*] 1894.

—— II. Auflage, 1911 . . . ergänzt von A. Heim. s.sh. *col. Winterthur*, 1911.

The wrapper reads :—Geologische Karte der Schweiz . . . Zweite Auflage. Bern, 1912.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte tectonique des environs de Moutier (Jura Bernois), par L. Rollier. Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1901.

Spezialkarte No. 23.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte tectonique des environs de Bellelay (Jura Bernois), par L. Rollier. Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1901.

Spezialkarte No. 24.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Lägernkette. Geologische Aufnahme von . . . F. Mühlberg. Maasstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1901.

Spezialkarte No. 25.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte des unteren Aare-, Reuss- und Limmat-Tales, von . . . F. Mühlberg. Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1904.

Spezialkarte No. 31.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte tectonique d'Envelier et du Weissenstein, par . . . L. Rollier. Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1904.

Spezialkarte No. 32.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte tectonique des environs de Delémont (Delsberg), par . . . L. Rollier. Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1904.

Spezialkarte No. 33.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Gebirge zwischen Lauterbrunnenthal, Kanderthal und Thunersee . . . von E. Gerber, E. Helgers, A. Trösch . . . Massstab 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about]. (—Profiltafel.)
2 sh. *col. Winterthur* [1907].
Spezialkarte No. 43a & 43b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Umgebung von Aarau . . . von . . . F. Mühlberg. Massstab 1 : 25,000 [*i. e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur* [1908].
Spezialkarte No. 45.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte des Blauenberges südlich Basel . . . von . . . E. Greppin. Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Winterthur*, 1908.
Spezialkarte No. 49.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte Géologique du massif de la Dent Blanche . . . levé géologique par E. Argand . . . Échelle 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about]. s.sh. *col. Winterthur*, 1908.
Spezialkarte No. 52.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Simplon-Gruppe, 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about], von C. Schmidt und H. Preiswerk, 1892–1905, mit Verwertung der Aufnahmen von A. Stella . . . 1898–1906. *See* supra, Erläuterungen zur geologischen Karte der Simplongruppe in 1 : 50,000, *&c.* Taf. I. s.sh. *col.* 1908.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Kartenskizze der Alpen zwischen St. Gotthard & Montblanc, entworfen von C. Schmidt . . . Massstab 1 : 350,000 [*i.e.* 1 in. = 5½ m. about]. *See* supra, Erläuterungen zur geologischen Karte der Simplongruppe in 1 : 50,000, *&c.* Taf. IV. s.sh. *col.* 1908.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Pilatus-Bürgenstock-Rigihochfluhkette, von A. Buxtorf . . . Blatt II : Bürgenstock . . . Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. (Geologische Profile, *&c.*) s.sh. *col. Winterthur* [1910].
Spezialkarte No. 27a & 27b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte der Umgebung des Hallwilersees und des Obern Winen- und Surtales, aufgenommen von . . . F. Mühlberg . . . Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. (—Profile, *&c.*)
2 sh. *col. Winterthur* [1910].
Spezialkarte No. 54 & 54b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte Géologique des environs du Locle et de La Chaux-de-Fonds, par L. Rollier et J. Favre. Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Zürich*, 1910.
Spezialkarte No. 59.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte Géologique des Hautes-Alpes. Calcaires entre la Lizerne et la Kander, par M. Lugeon . . . Échelle 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about].
s.sh. *col. Winterthur*, 1910.
Spezialkarte No. 60.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte von Zofingen, aufgenommen . . . von P. Niggli . . . Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about].
s.sh. *col. Zürich*, 1912.
Spezialkarte No. 65.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Geologische Karte des Gebietes Roggen, Born, Boowald, Oensingen, Aarburg, St. Urban, aufgenommen . . . von . . . F. Mühlberg . . . [&] P. Niggli. Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about].
s.sh. *col. Winterthur*, 1912.
Spezialkarte No. 67.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*] Carte Géologique des Tours d'Aï et des régions avoisinantes (Préalpes Vaudoises), par A. Jeannet . . . Échelle 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. *col. Zürich*, 1912.
Carte spéciale No. 68.

SWITZERLAND.—SCHWEIZERISCHE GEOTECHNISCHE KOMMISSION.
Die Schweizerischen Tonlager, herausgegeben von der Schweiz. Geotechnischen Kommission, *&c.* *See* supra, CARTE GÉOLOGIQUE SUISSE. Beiträge zur Geologie der Schweiz, *&c.* Geotechnische Serie, Lief. 4. 4⁰. 1907.

SWITZERLAND.—Club Alpine Suisse.—*Section "Monte-Rosa."*
Guide du Botaniste en Valais, *&c.* *See* RION (A.) *le Chanoine.* 8⁰. 1872.

SWITZERLAND.—Schweizerische Botanische Gesellschaft. *See* BASLE.

SWITZERLAND. — Schweizerische Entomologische Gesellschaft. *See* SCHAFFHAUSEN.

SWITZERLAND. — Société Entomologique Suisse. *See* SCHAFFHAUSEN.

SWITZERLAND.—Société Géologique Suisse. (*Schweizerische Geologische Gesellschaft.*) *See* LAUSANNE.

SWITZERLAND. — Société Ornithologique Suisse. *See* GENEVA.

SWITZERLAND. — Société Paléontologique Suisse.
See SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT.

SWITZERLAND. [*Maps.*] Atlas Suisse, levé et dessiné par I. H. Weiss. [Scale 1 in. = 1 m. about.]
16 sh. *Aarau*, 1786–1802.

Switzerland. [*Maps.*] Carte Géologique de la Suisse, par B. Studer et A. Escher von der Linth, *&c.* [Scale 1 : 380,000, *i.e.* 1 in. = 6 m. about.] 4 sh. *col.* *See* STUDER (B.) Geologie der Schweiz. [With which it was issued.] 1853.

[—— Dressée sur la Carte Géographique de la Suisse de M. I. M. Ziegler. Avec un Index complet des noms et des notices historiques et statistiques. Réduction = 1 : 380,000. *Winterthur*, 1853.]
Wanting. This appears to be another issue, by Ziegler, of the preceding, accompanied by his Index.

—— 2ᵉ édition . . . par I. Bachmann. Réduction 1 : 380,000 [*i.e.* 1 in. = 6 m. about].
4 sh. *col. Winterthur* [1867].
This edition was based on J. M. Ziegler's "3ᵉ Carte de la Suisse." For date of publication *See* Bull. Soc. Géol. France, Sér. II, tom. XXV, p. 168.

—— —— Erläuterungen, *&c.* *See* STUDER (B.) 8⁰. 1869.

Switzerland. [*Maps.*] Carte Géologique des parties de la . . . Suisse voisines du Mont-Blanc, par A. Favre. Scale 1 : 150,000 [*i.e.* 1 in. = 2⅓ m. about]. *See* MONT-BLANC. [*Maps.*] s.sh. *col.* 1862.

Switzerland. [*Maps.*] J. M. Ziegler: Erläuterungen zur dritten Karte der Schweiz . . . 4e édition. *See* ZIEGLER (J. M.) 8⁰. 1866.

Ziegler's "Dritte Karte der Schweiz" formed the basis of Studer & Escher von der Linth's "Carte Géologique de la Suisse . . . 2e édition," 1867 [*q.v.* supra].

Switzerland. [*Maps.*] Carte Géologique de la Suisse. B. Studer & A. Escher von der Linth. Réduction de la 2me édition. Réduction 1 : 760,000 [*i.e.* 1 in. = 12 m. about]. s.sh. *col. Winterthur* [1873].

Switzerland. [*Maps.*] Karte der Schweiz . . . nach dem Topographischen Atlasse des eidgenössischen Generalstabes reduziert unter der Direction des Herrn . . . G. H. Dufour. Maasstab 1 : 250,000 [*i.e.* 1 in. = $3\frac{2}{10}$ m. about]. 4 sh. [*Zurich,*] 1883–85.

Switzerland. [*Maps.*] [For Geological Maps] *See* also supra, CARTE GÉOLOGIQUE SUISSE.

SYDENHAM SOCIETY. [Founded 1843 : Dissolved 1858.]
On animal and vegetable Parasites of the Human Body, a manual of their natural history, diagnosis and treatment by . . . F. Küchenmeister . . . translated from the second German edition by E. Lankester, *&c.* 2 Vol. *illust. col.* *See* KUECHENMEISTER (G. F. H.) 8⁰. 1857.

Sydenham Society.
On Tape and Cystic Worms, with an introduction on the origin of intestinal Worms. By C. T. von Siebold . . . Translated by T. H. Huxley. *See* SIEBOLD (C. T. E. VON). 8⁰. 1857.

SYDNEY.—*Botanic Gardens and Domains.*
A Census of the Plants of New South Wales, by C. Moore. *pp. 97.* 8⁰. *Sydney,* 1881.

Sydney.—*Botanic Gardens and Domains.*
Report . . . for . . . 1898 (1899→) fol. (*Sydney,* 1899→)

SYDNEY.—*International Exhibition, 1879.*
Report . . . upon certain peculiar habits and customs of the Aborigines of Western Australia. To accompany the collection of weapons, implements, etc., sent to the Exhibition at Sydney . . . 1879. *See* ROBERTSON (M.) 8⁰. 1879.

Sydney.—*International Exhibition, 1879.*
New Zealand Court . . . Appendix to Official Catalogue. *pp. 67.* 8⁰. *Wellington,* 1880.

Sydney.—*International Exhibition, 1879.*
Official record of the . . . Exhibition. *pp. ccvi, 1154 : 1 pl., 2 plans, 1 map geol. col.* 8⁰. *Sydney,* 1881.

SYDNEY.—*Mining and Geological Museum.*
See NEW SOUTH WALES.—*Department of Mines.*

SYDNEY.—*New South Wales Intercolonial Exhibition, 1875.*
Mines and Mineral Statistics of New South Wales, and Notes on the Geological Collection of the Department of Mines . . . Also remarks on the Sedimentary Formations of N. S. Wales, by . . . W. B. Clarke . . . and Notes on the Iron and Coal Deposits, Wallerawang, and on the Diamond Fields, by Prof. Liversidge. *pp. ii, 252 : 5 pls., 24 maps & plans (3 col.), text illust.* 8⁰. *Sydney,* 1875.

This work was prepared both for the Sydney Exhibition, one of an annual series held under the auspices of the Agricultural Society, and for the Philadelphia International Exhibition of 1876.

SYDNEY.—*Public Library of New South Wales.*
Australasian Bibliography . . . Catalogue of Books in the Free Public Library, Sydney, relating to, or published in, Australasia, *&c.* 3 Pt. *1 pl.* 4⁰. *Sydney,* 1893.

Sydney.—*Public Library of New South Wales.*
Catalogue . . . for the years 1869–87. Reference Department. *pp. 833.* 4⁰. *Sydney,* 1895.

—— Supplement . . . 1888–1892. *pp. 250.* 4⁰. *Sydney,* 1895.

—— Supplement . . . 1893–1895. *pp. 311.* 4⁰. *Sydney,* 1897.

—— Supplementary Catalogue . . . 1896–1900. [With Subject Index.] *pp. 1124.* 4⁰. *Sydney,* 1902.

Sydney.—*Public Library of New South Wales.*
Subject-Index of the Books in the Author Catalogues for the years 1869–1895. Reference Department. *pp. 908.* 4⁰. *Sydney,* 1903.

SYDNEY.—Acclimatisation Society of New South Wales.
See ACCLIMATISATION SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Australasian Association for the Advancement of Science.
See AUSTRALASIAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

SYDNEY.—Australian Museum. [Founded 1836.]
Report of the Trustees, *&c.* 1863, 1868, 1871, 1878, 1879, 1882→ 4⁰. *Sydney,* 1864→

Sydney.—Australian Museum.
Memoirs, *&c.* No. 1→ 8⁰. *Sydney,* 1887→

Sydney.—Australian Museum.
Records, *&c.* Vol. 1→ 8⁰. *Sydney,* 1890→

Sydney.—Australian Museum.
A Catalogue of the specimens of Natural History and Miscellaneous Curiosities deposited in the . . . Museum. [By G. Bennett.] *pp. 71.* 8⁰. *Sydney,* 1837.

Catalogue No. 1.

Sydney.—Australian Museum.
Catalogue of Mammalia in the collection of the . . . Museum, by G. Krefft. *pp. 134.* 8⁰. *Sydney,* 1864.

Catalogue No. 2.

Sydney.—Australian Museum.
History and description of the skeleton of a new Sperm Whale, lately set up in the . . . Museum. By W. S. Wall . . . with some account of a new genus . . . *Euphysetes.* *pp.* [*ii,*] *66 : 2 pls.* 8⁰. *Sydney,* 1851.

—— [Another edition.] Reprinted, *&c.* *See* supra, Memoirs, *&c.* No. 1. 8⁰. 1887.

Sydney.—Australian Museum.
Catalogue of the Minerals and Rocks in the collection . . . of the Museum. By G. Krefft, *&c.* *pp. xvii, 115.* 8⁰. *Sydney,* 1873.

Catalogue No. 3.

Sydney.—Australian Museum.
[Hints for the preservation of specimens of Natural History. By E. P. Ramsay. 8⁰. *Sydney,* 1876.]

Wanting.

—— Fourth edition. *pp. 32 : text illust.* 8⁰. *Sydney,* 1890.

Shells, by J. Brazier.
Insects, by F. A. A. Skuse.
Miscellaneous Marine Organisms, by T. Whitelegge.

Sydney.—Australian Museum.
Catalogue of the Australian Birds in the Australian Museum . . . By E. P. Ramsay, *&c.* 4 Pt.
8⁰. *Sydney*, 1876-94.

Catalogue No. 4.
Pt. I. Accipitres. *pp. viii, 64.* 1876.
,, ,, —— Supplement. *pp. 9* [*5*]. 1890.
,, II. Striges. *pp.* [*iv,*] *26* [*5*]. 1890.
,, III. Psittaci. *pp.* [*vii,*] *106, iv.* 1891.
,, IV. Picariæ. Suborder Halcyones. [By A. J. North.] *pp.* [*vii,*] *24.* 1894.

—— Second edition, with additions by A. J. North. 2 Pt.†
Pt. I. Accipitres. *pp. xiii, 74.* 1898.
,, II. Striges. *pp.* [*v,*] *30.* 1898.

Sydney.—Australian Museum.
Catalogue of the Australian Stalk- and Sessile-eyed Crustacea. By W. A. Haswell, *&c.* *pp. xxiv, 324 : 4 pls., text illust.* 8⁰. *Sydney*, 1882.
Catalogue No. 5.

Sydney.—Australian Museum.
Catalogue of a collection of Fossils in the . . . Museum, with introductory notes [by F. Ratte], *&c.* *pp. xxviii, 159.* 8⁰. *Sydney*, 1883.
Catalogue No. 7.

Sydney.—Australian Museum.
Guide to the Contents of the Australian Museum. [By W. A. Haswell.] *pp.* [*iii,*] *56 : 1 plan.* 8⁰. *Sydney*, 1883.

—— [Another edition. By S. Sinclair.] *pp. 146 : 2 plans.* 8⁰. *Sydney*, 1890.

Sydney.—Australian Museum.
Catalogue of the Australian Hydroid Zoophytes, by W. M. Bale, *&c.* *pp. 198 : 19 pls.* 8⁰. *Sydney*, 1884.
Catalogue No. 8.

Sydney.—Australian Museum.
Descriptive Catalogue (with notes) of the general collection of Minerals in the . . . Museum, by A. F. Ratte. *pp. xii, 221.* 8⁰. *Sydney*, 1885.
Catalogue No. 9.

Sydney.—Australian Museum.
Catalogue of the Echinodermata . . . By E. P. Ramsay . . . Pt. 1. Echini. Demosticha and Petalosticha, *&c.* *pp. iii, ii, 54 : 5 pls.* 8⁰. *Sydney*, 1885.
Catalogue No. 10.

—— Second edition. *pp. vii, 59 : 6 photo. pls.* 8⁰. *Sydney*, 1891.

Sydney.—Australian Museum.
Hints for collectors of Geological and Mineralogical specimens. By F. Ratte . . . Second edition, *&c.* *pp. 26 : 1 pl.* 8⁰. *Sydney*, 1887.
The first edition seems to have been issued earlier in the same year.

Sydney.—Australian Museum.
Descriptive Catalogue of the Medusæ of the Australian Seas. In two parts : Pt. I.—Scyphomedusæ. Pt. II.—Hydromedusæ. By R. von Lendenfeld. *pp. 32, 49.* 8⁰. *Sydney*, 1887.
Catalogue No. 11.

Sydney.—Australian Museum.
Descriptive Catalogue of the Sponges in the . . . Museum. By R. von Lendenfeld. *pp. xiv, 260 : 12 pls.* 8⁰. *London*, 1888.
Catalogue No. 13.

Sydney.—Australian Museum.
Catalogue of the Fishes in the collection of the . . . Museum. Pt. I. Recent Palæichthyan Fishes, by J. D. Ogilby. *pp. v, 26.* 8⁰. *Sydney*, 1888.
Catalogue No. 14.

Sydney.—Australian Museum.
Descriptive Catalogue of the Nests and Eggs of Birds found breeding in Australia and Tasmania, by A. J. North, *&c.* (Appendix.—Appendix II.) *pp. i–viii, 1–379, i–v* [*i,*] *380–416* [*1*] *: 21 heliotype pls. col.*
8⁰. *Sydney*, 1889 [*i.e.* 1890].
Catalogue No. 12.
Owing to the delay in printing off the plates, the work was not issued till 1890 (Ann. Rept. Austral. Mus.). The date "25th May, 1890" is cited on p. 398.

—— Supplement, *&c.* 2 Pt. *pp. 33.*
8⁰. [*Sydney*, 1891–92.]
Rec. Austral. Mus. Vol. I & II.

—— Second edition . . . with additions. Vol. I—> *illust.*
4⁰. *Sydney*, 1901—>
Special Catalogue No. 1.

Sydney.—Australian Museum.
Australian Lepidoptera, with their transformations, *&c.* Vol. II. *illust. col.* *See* SCOTT (A. W.) fol. 1890–98.
Monograph No. 1.

Sydney.—Australian Museum.
List of the Cephalopoda in the collection of the . . . Museum. By J. Brazier. *pp. 3.* 8⁰. *Sydney*, 1892.

Sydney.—Australian Museum.
Catalogue of the Marine Shells of Australia and Tasmania . . . By J. Brazier. 3 Pt. *pp.* [*v,*] *74.*
8⁰. *Sydney*, 1892–93.
Catalogue No. 15.
Pt. I. Cephalopoda.
,, II. Pteropoda.
,, III. Gasteropoda.—*Murex.*

Sydney.—Australian Museum.
Catalogue of Australian Mammals, with introductory notes on general Mammalogy, by J. D. Ogilby. *pp. xvi, 142 : text illust.* 8⁰. *Sydney*, 1892.
Catalogue No. 16.

Sydney.—Australian Museum.
Description of a small collection of Tasmanian Silurian Fossils presented to the Australian Museum by . . . A. Montgomery . . . By R. Etheridge, Junr.
4⁰. [*Hobart*, 1896.]
Report Secretary of Mines for 1895–6. Hobart, 1896. *pp. xli–xlviii : 1 pl.*

Sydney.—Australian Museum.
Descriptive Catalogue of the Tunicata in the . . . Museum . . . By W. A. Herdman. *pp. xviii, 139 : 45 pls.*
8⁰. *Liverpool*, 1899.
Catalogue No. 17.

Sydney.—Australian Museum.
The Australian Museum, Sydney, New South Wales. [Photograph of the Museum Building.] s.sh. 1895.

SYDNEY.—Entomological Society of New South Wales.
See ENTOMOLOGICAL SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Geographical Society of Australasia.
See GEOGRAPHICAL SOCIETY OF AUSTRALASIA.

SYDNEY.—Linnean Society of New South Wales. *See* LINNEAN SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Royal Society of New South Wales.
See ROYAL SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Technological Museum.
[1880 Founded as *Technological, Industrial and Sanitary Museum of New South Wales.*
1882 Destroyed by fire.
1883 Reopened as *Technological Museum.*]
Annual Report, 1906—> 4⁰. [*Sydney*, 1908—>]

Sydney.—Technological Museum.
The useful Native Plants of Australia (including Tasmania), by J. H. Maiden. *pp. 696.* 8⁰. *London & Sydney*, 1889.

Sydney.—Technological Museum.
A Research on the Eucalypts, especially in regard to their Essential Oils. By R. T. Baker . . . and H. G. Smith. *pp. xi, 295, 1 tab. : 45 pls.* 4⁰. *Sydney*, 1902.
Issued as "Technical Education Series," No. 13, by the New South Wales Department of Public Instruction.

Sydney.—Technological Museum.
[Building and Ornamental Stones of New South Wales. obl. 8⁰. *Sydney*, 1908.]
Wanting.

—— 2nd edition. By R. T. Baker. *pp. 85 : 36 pls. col., 1 map, text illust.* obl. 8⁰. *Sydney*, 1909.

Sydney.—Technological Museum.
A Research on the Pines of Australia. By R. T. Baker . . . and H. G. Smith, *&c.* *pp. xiv, 458 : 29 pls. (1 plain), 3 maps (1 col.), text illust.* 4⁰. *Sydney*, 1910.

SYDNEY.—University. [Founded 1850.]
Calendar, *&c.* 1903→ 8⁰. *Sydney*, 1903→

Sydney.—University.
Reprints of Papers . . . from the departments of Anatomy, Biology, Geology (Pathology) and Physiology. 1894→ 8⁰. *Sydney*, 1896→
Reprints from various periodicals, bearing their original pagination.

SYDOW (Hans) & (P.) Monographia Uredinearum, seu specierum omnium ad hunc usque diem descriptio et adumbratio systematica. Vol. I→ *See* Sydow (P.) & (H.) 8⁰. 1902→

SYDOW (Paul) Die Moose Deutschlands. *pp. xvi, 185.* 8⁰. *Berlin*, 1881.

Sydow (P.) Die bisher bekannten Europäischen Characeen. *pp. xxviii, 104.* 8⁰. *Berlin*, 1882.

Sydow (P.) *See* Botaniker Kalender (Botanisches Jahrbuch) . . . herausgegeben von P. Sydow, *&c.* Jahrg. I & II. 12⁰. 1886, 87.

Sydow (P.) Die Flechten Deutschlands, *&c.* *pp. xxviii, 331, xxxiv : text illust.* 8⁰. *Berlin*, 1887.

Sydow (P.) Index . . . nominum Plantarum Hospitum specierumque omnium Fungorum has incolentum . . . usque ad finem 1897. *See* Saccardo (P. A.) Sylloge Fungorum, *&c.* Vol. XII, pt. 2 [*i.e.* Vol. XIII]. 1898.

Sydow (P.) & **Saccardo** (P. A.) Sylloge Fungorum omnium hucusque cognitorum . . . Supplementum universale. Pars IV & V (Vol. XIV & XVI). *See* Saccardo (P. A.) 8⁰. 1899, 1902.

Sydow (P.) & **Sydow** (H.) Monographia Uredinearum, seu specierum omnium ad hunc usque diem descriptio et adumbratio systematica. Vol. I→ 8⁰. *Lipsiæ*, 1902→

SYEN (Arnoldus) [1640–1678] Hortus Indicus Malabaricus . . . Notis adauxit, & commentariis illustravit A. Syen, *&c.* Pt I. *See* Rheede tot Draakestein (H. A. van). fol. 1678.

Syen (A.) Malabaarse Kruidhof . . . Met aantekeningen verrijkt door A. Syen, *&c.* Dl. I. *See* Rheede tot Draakestein (H. A. van). fol. 1689.

SYEVERTZOV (Aleksyeĭ Nikolaevich) Razvitie zatuilochnoĭ oblastī nizshikh Pozvonochnuikh v svyazī s voprosom o metamerii gholovui. [Development of the occipital region in the lower Vertebrata in connection with the question of a metermeric head.] *pp. 95 : 2 pls. (col.)* *See* Moscow.—Imperatorskiĭ Moskovskiĭ universitet. Uchenuiya Zapiski, *&c.* Vuip. XI, no 3. 8⁰. 1895.
For a German translation of this paper, *See* Bull. Soc. imp. Nats. Moscou, 1895. No. 2.

SYEVERTZOV (Nikolaĭ Aleksyeevich) [1825–1885] Plantæ Severzovianæ, *&c.* Fasc. 2 & 3. *See* Regel (E. A. von) & Herder (F. G. T. M. von) Enumeratio Plantarum in regionibus Cis- et Transiliensibus . . . 1857 collectarum. 8⁰. [1871–72.]

Syevertzov (N. A.) Vertikal'noe i ghorizontal'noe raspredyelenie Turkestanskikh Zhivotnuikh. [Vertical and horizontal distribution of Turkestan Animals.] *pp. 157 : 10 pls.* *See* Moscow.—Imperatorskoe obshchestvo lyubiteleĭ estestvoznaniya antropologhii i étnoghrafii, *&c.* Izvyestiya, *&c.* Tom. VIII, vuip. 2. 4⁰. 1873.

Syevertzov (N. A.) Vertical and horizontal distribution of Turkestan Animals . . . Edited by A. P. Fedchenko and L. P. Sabanaeff. *See* Lansdell (H.) Russian Central Asia, *&c.* Vol. II, Appendix A. 8⁰. 1885.

Syevertzov (N. A.) N. Sewerzow's Erforschung des Thian-Schan-Gebirgs-Systems, 1867, *&c.* 2 Hft. *See* Petermanns Mittheilungen, *&c.* Ergänzbd. IX & X, no. 42 & 43. 4⁰. 1875.

Syevertzov (N. A.) [For descriptions of the Birds collected by N. A. Syevertzov in Turkestan, with notes by him] *See* Menzbir (M. A.) Ornithologie du Turkestan, *&c.* Lief. 1–4.† 4⁰. 1888–93 [–94].

SYKES (Ernest Ruthven) [1867–] Contributions towards a list of Papers relating to the non-marine Mollusca of the Hawaiian Islands. *pp. 8.* 8⁰. *Hertford*, 1896.

—— Second edition. *pp. 8.* 8⁰. *Hertford*, 1897.

Sykes (E. R.) [Non-marine Mollusca of the Sandwich Islands, with intercalations on their Anatomy by Lt.-Col. Godwin-Austen.] *See* Sharp (D.) Fauna Hawaiiensis, *&c.* Vol. II, pt. 4. 4⁰. 1900.

Sykes (E. R.) Digesta Malacologica. No. I & II. 8⁰. *London*, 1901, 03.
No. I. A Summary of the American Journal of Conchology, 1865–1872.
,, II. A Summary of the Annals and Magazine of Natural History and its forerunners. Pt. I (1829–1863).

Sykes (E. R.) Report on the Polyplacophora collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report to the Government of Ceylon on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Supplementary Reports, No. 4. 4⁰. 1903.

SYKES (William Henry) [1790–1872] A Catalogue of the Mammalia observed in Dukhun, East Indies. *pp. 13.* 8⁰. *London*, 1831.
Reprinted, with additions, from the "Proc. Zool. Soc. London," Vol. I.

SYKYTA (Wenzel) Das Holz, dessen Benennungen, Eigenschaften, Krankheiten und Fehler, *&c.* *pp. 154 : 57 pls.* 8⁰. *Prag*, 1882.

SYLBURGIUS (Fridericus) [1536–1596] Ἀριστοτέλους τα εὑρισκομενα. Aristotelis opera quæ extant . . . Opera & studio F. Sylburgii Veterensis. 11 Vol. [in 5.] *See* Aristotle. [*Works.*] 4⁰. 1584–87.

Sylburgius (F.) Ἀριστοτελους περι ζωων μοριων, βιβλια Δ . . . Aristotelis De Animalium partibus, lib. IIII. De Animalium ingressu, lib. I. De Animalium motu, lib. I. De Animalũ generatione, lib. V. De Spiritu, lib. I, qui spurius esse creditur, *&c.* [Edited by F. Sylburgius.] *See* ARISTOTLE. [*Zoological Works.*] 4⁰. 1585.

Sylburgius (F.) Ἀριστοτελους περι ζωων ἱστοριας, βιβλια Κ. Aristotelis de Animalium Historia, libri X. [Edited by F. Sylburgius.] *See* ARISTOTLE. [*Zoological Works.*] 4⁰. 1587.

SYLT, *Island.* [*Maps.*] Geologische Karte der Insel Sylt und ihrer nächsten Umgebungen. Geologisch bearbeitet durch L. Meyn. Maassstab 1 : 100,000 [*i.e.* 1 in. = 1½ m. about]. s.sh. *col. See* PRUSSIA.—*Koeniglich-Preussische Geologische Landes-Anstalt, &c.* Abhandlungen, *&c.* Bd. I, hft. 4. 1876.

SYLVAN (C.) Dissertatio Botanica de Plantis Cibariis Romanorum . . . subjicit C. Sylvan, *&c.* [Pt. III.] *See* RETZIUS (A. J.) 4⁰. 1808.

SYLVÉN (NILS OLOF VALDEMAR) [1880–] Studier öfver Vegetationen i Torne Lappmarks björkregion. *pp. 28: text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. III, no. 3. 8⁰. 1904.

Sylvén (N. O. V.) Jämförande öfversikt af de Svenska Dikotyledonernas första och senare förstärkningsstadier. *See* SERNANDER (J. R.) *& others.* Botaniska Studier. Tillägnade F. R. Kjellman, *&c.* 8⁰. 1906.

Sylvén (N. O. V.) Om de Svenska Dikotyledonernas första förstärkningsstadium eller utveckling från frö till Blomning. I. Speciell del. *pp. 348 : 25 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XL, no. 2. 4⁰. 1906.

—— II. Allmän del. Akademisk afhandling. *pp. 75.* 4⁰. *Uppsala*, 1906.

Sylvén (N. O. V.) Zwei im Bergianischen Garten im Sommer 1906 gefundene Senecio-Hybriden, *S. nebrodensis*, L. × *viscosus*, L., und *S. nebrodensis*, L. × *vulgaris*, L. *pp. 8 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani, *&c.* Bd. IV, no. 3. 4⁰. 1907.

Sylvén (N. O. V.) Die Genliseen und Utricularien des Regnell'schen Herbariums. *pp. 48 . 7 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VIII, no. 6. 8⁰. 1909.

SYLVESTRE DUFOUR (PHILIPPE) *See* DUFOUR (P. S.)

SYLVIUS (JACOBUS) Mesue . . . ex duplici tralatione, altera quidem antiqua, altera vera nova J. Sylvii . . . Adjectæ sunt . . . annotationes . . . J. Sylvii, *&c.* *See* YŪḤANNĀ IBN MASAWAIH. fol. 1558.

SYME afterwards **Boswell** (JOHN THOMAS IRVINE) [1822–1888] Catalogue of the Coleoptera of Scotland, by A. Murray . . . aided by . . . J. T. Syme, *&c.* *See* MURRAY (A.) 8⁰. 1853.

Syme afterwards **Boswell** (J. T. I.) The London Catalogue of British Plants . . . Fourth edition. [Prepared by H. C. Watson and J. T. Syme.] *See* BOTANICAL SOCIETY OF LONDON. Catalogue. 8⁰. 1853.

—— Fifth edition. 8⁰. 1857.

Syme afterwards **Boswell** (J. T. I.) English Botany; or, coloured figures of British Plants. Edited by J. T. Boswell Syme (and N. E. Brown) . . . the popular portion by Mrs. Lankester . . . The figures by J. Sowerby, J. D. C. Sowerby, J. W. Salter (W. H. Fitch, N. E. Brown) and J. E. Sowerby . . . Third edition. Enlarged, re-arranged according to the natural orders and entirely revised. With descriptions of all the species by the Editor. 12 Vol. [in 5.] 4⁰. *London*, 1863–86.

The plates have been mounted on sheets with those of the first edition (by J. Sowerby).

—— Supplement to . . . Vol. I–IV. Compiled by N. E. Brown. *pp. viii, 213, viii : 15 pls. col.* 8⁰. *London*, [1891–] 1892.

SYME (PATRICK) [1774–1845] Werner's Nomenclature of Colours, with additions . . . to render it . . . useful to the . . . Sciences, particularly Zoology, Botany, Chemistry, Mineralogy, and Morbid Anatomy. Annexed to which are examples selected from well-known objects, *&c.* *pp. 43 : 13 pls. col.* 8⁰. *Edinburgh*, 1814.

—— Second edition. *pp. 47 : 13 pls. col.* 8⁰. *Edinburgh*, 1821.

Syme (P.) A Treatise on British Song Birds. Including observations on their natural habits, manner of incubation, *&c.* *pp. vi, 231 : 15 pls. col.* 8⁰. *Edinburgh & London*, 1823.

SYMES (MICHAEL) [1753?–1809] An account of an Embassy to the kingdom of Ava . . . in . . . 1795. *pp. xxiii, 503 : 25 pls., 2 maps.* 4⁰. *London*, 1800.

For the original drawings for the eight Botanical plates, *See* BUCHANAN afterwards HAMILTON (F.) Enumeratio Plantarum, *&c.*

Symes (M.) Embassy to Ava . . . in . . . 1795. *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. IX. 4⁰. 1811.

SYMES (RICHARD GLASCOTT) [1840–1906] [For official publications in connection with the Survey] *See* GREAT BRITAIN & IRELAND.—*Geological Survey : Ireland.*

SYMMONS (JOHN) *F.R.S.* Hortus Paddingtonensis: or, a Catalogue of Plants cultivated in the garden of J. Symmons, *&c.* *See* SALISBURY (W.) 4⁰. 1797.

SYMONDS (WILLIAM SAMUEL) [1818–1887] Old Stones: notes of lectures on the . . . Rocks in the neighbourhood of Malvern. *pp. 149 : 4 pls.* 8⁰. *Malvern & London*, 1855.

Symonds (W. S.) Stones of the Valley. *pp. xi, 270 : 5 pls.* 8⁰. *London*, 1857.

Symonds (W. S.) Old Bones: or notes for young naturalists on recent and fossil Mammalia. *pp. 28.* 8⁰. *Worcester*, 1860.

Symonds (W. S.) On the Geology of the railway from Worcester to Hereford . . . Reprinted, with additions . . . from the "Edinburgh New Philosophical Journal" . . . 1861, for the Transactions of the Malvern Field Club. *pp. 38 : 1 pl., text illust.* 8⁰. *London*, 1862.

This paper did not appear in the "Transactions of the Malvern Field Club."

Symonds (W. S.) Flora of Herefordshire. Definition of Districts [by W. H. Purchas], with Notes on their Geology, by . . . W. S. Symonds. *pp. 25 : 1 map. See* WOOLHOPE NATURALISTS' FIELD CLUB. Transactions, *&c.* 1866. [Prefix.] 8⁰. 1867.

—— [Another edition.] *See* PURCHAS (W. H.) & LEY (A.) A Flora of Herefordshire. 8⁰. 1889.

Symonds (W. S.) Records of the Rocks; or, notes on the geology, natural history, and antiquities of north & south Wales, Devon, & Cornwall. *pp. xviii, 433 : 9 pls., text illust.* 8⁰. *London*, 1872.

SYMONS (Brenton) Genesis of Metallic Ores and of the Rocks which enclose them. *pp. xxxiii, 494 : 1 map geol. col., 1 port., text illust.* 8⁰. *London*, 1908.
The map is entitled "Geological Map of Cornwall," *&c.*, and dated 1884.

SYMONS (George James) [1838–1900] Vegetable Technology . . . Founded upon the collections of G. J. Symons. *See* Jackson (B. D.) 4⁰. 1882.

Symons (G. J.) The eruption of Krakatoa, and subsequent phenomena . . . Edited by G. J. Symons. *See* Royal Society. 4⁰. 1888.

SYMONS (Jelinger) [1778–1851] Synopsis Plantarum Insulis Britannicis indigenarum; complectens characteres genericos et specificos secundum systema sexuale distributos. *pp. vii, 207.* 12⁰. *Londini*, 1798.

SYMPHER (A.) Das Berg- und Hüttenwesen des Oberharzes . . . Herausgegeben von . . . A. Sympher. *See* Banniza (H.) 8⁰. 1895.

SYPNIEWSKI (F.) Okrzemki (Diatomaceæ) okolic Poznania, wraz z krótką charakterystyką wszystkich rodzajów Okrzemek w wodach słodkich żyjących według analitycznéj metody ułożył i opisał. [Diatomaceæ from the neighbourhood of Posen, arranged and described according to analytical method, with brief characteristics of all the genera of Diatoms living in freshwater.] *pp. 91 : 5 pls.* 8⁰. *Poznań*, 1860.

SYRIA. [*Maps.*] Geognostische Karte des Libanon und Antilibanon in Sirien nach den Bestimmungen . . . J. Russegger. ([Inset map] Umgebungen des Dschebel Horeb auf dem Sinai.) [Scale 1 in. = 5 m. about.] s.sh. *col. Stuttgart*, 1842.

Syria. [*Maps.*] Geognostische Karte des Peträischen Arabien und des südlichen Theiles von Sirien, *&c.* [Scale 1 in. = 15⅓ m. about.] *See* Arabia Petrea. [*Maps.*] s.sh. 1847.

Syria. [*Maps.*] Geologische Karte von Mittel-Syrien, *&c.* *See* Diener (C.) Libanon, *&c.* s.sh. 1886.

Syria. [*Maps.*] Karte von Nordsyrien . . . gezeichnet (Geognostische Kartenskizze von Nordsyrien . . . entworfen) von . . . M. Blanckenhorn. Maasstab 1 : 500,000 [or 1 in. = 7$\frac{9}{10}$ m. about]. 2 sh. *See* Blanckenhorn (M.) Grundzüge der Geologie und physikalischen Geographie von Nord-Syrien, *&c.* 1891.

SYRTES. Yacht-Reise in den Syrten. 1873. [By Ludwig Salvator, Archduke of Austria.] *pp. [v,] 400 : 31 pls. (1 col.), text illust.* 4⁰. *Prag*, 1874.

SYRUČZEK (Eugen) Kurzer Abriss der allgemeinen Forstbotanik zur Belehrung angehender Forstmänner und Oekonomen, nebst einem Anhang über sämmtliche in den k. k. Oesterreichischen Deutschen Staaten und Galizien noch in Wirksamkeit bestehenden Forstgesetze und Verordnungen. *pp. 681 : 8 pls. col.* 8⁰. *Prag*, 1846.

S'YUORD (A. Ch.) *See* Seward.

SZABÓ (Ferencz) A *Carludovica* és a *Canna* gummijáratairól. [On the gummy ducts of *Carludovica* and *Canna.*] *pp. 15 : 1 pl.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xi, szám 10. 8⁰. 1881.

Szabó (F.) & **Klein** (G.) A Vadgesztenye gyökerinek ismeretéhez. [Contributions to the knowledge of the roots of the wild Chestnut.] *pp. 13 : 1 pl.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. x, szám 6. 8⁰. 1880.

SZABÓ (József) [1822–1894] Pest-Buda környékének földtani leirása, *&c.* [Geological description of the environs of Budapest, *&c.*] *pp. 58 : 1 map col.* *See* Budapest.—magyar tudományos akadémia. Természettudományi Pályamunkák, *&c.* Köt. iv. 8⁰. 1858.

Szabó (J.) Egy continentális emelkedés és sülyedésről Europa délkeleti részén, *&c.* [On continental elevation and depression over south-eastern Europe, *&c.*] *pp. 93 : 5 pls.* *See* Budapest.—magyar tudományos akadémia. Évkönyvei, *&c.* Köt. x, darab. 6. 4⁰. 1862.

Szabó (J.) Jelentés a London- és Berlinből az Akadémiának küldött Meteoritekről. [Report on the Meteorites sent from London and Berlin to the Academy.] *pp. 10.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. i, szám 11. 8⁰. 1868.

Szabó (J.) Egy új módszer a Földpátok meghatározására kőzetekben. [On a new method for the determination of the Felspars in rocks.] *pp. 87, 1 tab. : 5 pls. col.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. iv, szám 5. 8⁰. 1874.

Szabó (J.) Ueber eine neue Methode die Feldspathe auch in Gesteinen zu bestimmen. *pp. 87 : 5 pls. (col.), text illust.* 8⁰. *Budapest*, 1876.

Szabó (J.) Jelentés Görögországba tett Geologiai utazásairól. [Report on a Geological journey into Greece.] *pp. 19.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. vii, szám 13. 8⁰. 1876.

Szabó (J.)
Urvölgyit: egy új réz-ásvány. [Urvölgyite: a new copper mineral.] *pp. 16 : 1 pl. col.*
A Gránát és Cordierit (Dichroit) szereplése a Magyarországi Trachytokban. [On the part played by the Garnet and Cordierite (Dichroite) in the Hungarian Trachytes.] *pp. 40 : 2 pls. (col.)*
See Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. ix, szám 9 & 23. 8⁰. 1879.

Szabó (J.) Selmecz Geologiai viszonyainak előzetes ismertetése. [Preliminary communication on the Geological structure of Schemnitz.] *pp. 88.* *See* Budapest. — magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xv, szám 3. 8⁰. 1885.

Szabó (J.) Göd környéke forrásainak Geologiai s Hidrografiai viszonyai. [On the Geology and Hydrography of the spring in the environs of Göd.] *pp. 44 : 1 map.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xvii, szám 1. 8⁰. 1887.

SZÁDECZKY (Gyula) [1860–] A Magyarországi Obsidiánok, különös tekintettel geologiai viszonyaikra. [On the Hungarian Obsidian, especially its geological position.] *pp. 64.* *See* Budapest. — magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xvi, szám 6. 8⁰. 1886.

SZAFARKIEWICZ (Bruno Józef) [1821-] Łoś przedpotopowy Krześlicki. (Alces fossilis Krzeslicensis.) *pp. 10 : 3 pls.* 4⁰. *Posen*, 1863.
Jahresb. Städ. Realschule, Posen. No. 10.

SZAJNOCHA (Władysław) [1857-] Die Brachiopoden-Fauna der Oolithe von Balin bei Krakau. *pp. 44 : 7 pls.* 4⁰. *Wien*, 1879.
Denkschr. k. Akad. Wissensch. Wien. Bd. xli, pt. 2.

Szajnocha (W.) Atlas Geologiczny Galicyi. Zeszyt v, *4 sh. col. & text*; vi, *5 sh. col. & text*; xi, *4 sh. col. & text*; xiii, *3 sh. col. & text*; xxiii, *2 sh. col. & text. See* Galicia, *Austria.* s.sh. & 8⁰. 1895–1908.

Szajnocha (W.) & **others.** Atlas Geologiczny Galicyi. Zeszyt xx, *1 sh. col. & text, & Atlas of sections. See* Galicia, *Austria.* s.sh. & 8⁰. 1906.

SZÉCHENYÍ (Béla) *Count* [1837-] Im fernen Osten. Reisen des Grafen B. Széchenyí in Indien, Japan, China, Tibet und Birma in . . . 1877–1880, *&c. See* Kreitner (G. von) *Baron.* 8⁰. 1881.

Széchenyí (B.) *Count.* Gróf Széchenyí B. Keletazsiai utjának tudományos Eredménye. 1877–1880. [Scientific results of Count B. Széchenyí's travels in eastern Asia.] 3 Köt. & Atlasz. 4⁰. & fol. *Budapest*, 1890–97.
Köt. i. *pp. cxxxv, 750 : 13 pls. (col.), 5 maps col., text illust.* 1890.
Bevezetés. [Introduction.] Közli gróf Széchenyí B.
Földrajz. [Geography.] Közli Kreitner G.
Földtan. [Geology.] Közli Lóczy L.
Köt. ii. *pp. x, 877 : 32 pls. (col.), text illust.* 1897.
Egy Jézó Szigetbeli Ájno Koponyáról. [On the Skull of an Aino from the Island of Yeso.] Irta . . . Török A.
Madarak Sze-Csuan tartomány nyugati részéből. [Birds of the western portion of the Suchwan province.] Irta Madarász G.
A Reptiliák, Amphibiák és Halak jegyzéke. [List of the Reptiles, Amphibians and Fish.] Meghatározta . . . Steindachner F.
Hymenoptera recensuit A. Mocsáry.
Coleoptera, Lepidoptera, Orthoptera et Neuroptera a J. Frivaldszky recensita.
Hemipterák. Irta Horvath G.
Myriopodák és Arachnoideák. Irta Lendl A.
Rákok. [Crustacea.] Irta Koelbel K.
Szárazföldi most élő és diluviumbeli Csigak. [Recent and diluvial Terrestrial Mollusca.] Irta Hilber V.
Edesvízi Puhatestüek. [Freshwater Mollusca.] Irta Neumayr M.
A Növénytani Gyüjtések eredmenyei. [On the results of the Botanical Collections.] Irta Kanitz A.
Köt. iii. *pp. vii, 455, 12 tabs. : 15 pls., text illust.* 1897.
A fosszilis Emlős- és Puhatestü állatmaradványok leirása és a palaeontologiai-stratigraphiai eredmények. [On the fossil Mammalian and Molluscan remains and on the palæontological and stratigraphical results.] Irta Lóczy L.
Palaeozoos Korállok. [Palæozoic Corals.] Frech F.-tól.
Khinai Palaeozoos Kőzetek mikroszkópikus vizsgálata. [Microscopic examination of the Chinese Palæozoic Rocks.] Lörenthey I.-tól.
A Fosszilis Növények. [On the Fossil Botany.] Schenk A.-tól.
A gyüjtött Asványok jegyzéke. [Notes on the Minerals collected.] Schmidt S.-tól.
Jadeit kövek Birmából. [Jadeite pebbles from Burma.] Krenner J.-tól.
A gyüjtött Kőzetek leirása. [Descriptions of the Rocks collected.] Koch A.-tól.

Széchenyí (B.) *Count.* Plantarum in expeditione . . . Széchenyí . . . in Asia centrali collectarum enumeratio. *See* Kanitz (A.) A Növénytani gyüjtések eredményei, *&c.* 4⁰. 1891.
Reprinted in "Gróf Széchenyí B. Keletazsiai utjának tudományos Eredménye." Köt. ii [*q.v.* supra].

SZÉCSKAY (István) Krystálytani vizsgálatok a Betléri Wolnynon. [Crystallographical researches on the Betler Wolnyn.] *pp. 27 : 3 pls., text illust. See* Budapest.—Magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. vii, szám 9. 8⁰. 1876.

SZÉPLIGETI (Győző) Fam. Braconidæ. *pp. 253 : 3 pls. col. See* Wytsman (P. A. G.) Genera Insectorum, *&c.* Fasc. 22. Hymenoptera. 4⁰. 1904.

Szépligeti (G.) Ueber *Gnathobracon*, A. Costa. *pp. 2. See* Naples.—Regia università degli studi. Annuario del Museo Zoologico della Università . . . (Nuova Serie,) Vol. i, no. 17. 4⁰. 1904.

Szépligeti (G.) Fam. Ichneumonidæ (Gruppe Ophionoidæ), subfam. Pharsaliinæ—Porizontinæ. *pp. 71 : 2 pls. col. See* Wytsman (P. A. G.) Genera Insectorum, *&c.* Fasc. 34. Hymenoptera. 4⁰. 1905.

Szépligeti (G.) Beiträge zur Kenntnis der Insektenfauna von Kamerun. No. 29. Braconidæ. *pp. 11 : text illust. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Arkiv för Zoologi, *&c.* Bd. ii, no. 14. 8⁰. 1905.

Szépligeti (G.) [Braconidæ and Ichneumonidæ from south-western Australia.] *See* Michaelsen (W.) Die Fauna Südwest-Australiens, *&c.* Bd. i, lief. 9. 8⁰. 1908.

Szépligeti (G.) [Braconidæ and Ichneumonidæ from the Kilimandjaro-Meru district.] *See* Sjöstedt (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. ii, Hymenoptera, no. 3. 4⁰. 1910.

Szépligeti (G.) Fam. Ichneumonidæ: Gruppe Mesochoroidæ (Ophionoidæ part) Subfam. Limnerinæ, Mesochorinæ, Adelognathinæ, Plectiscinæ, Banchinæ, Neomesochorinæ, Megacerinæ und Paniscinæ. *pp. 100: 2 pls. col. See* Wytsman (P. A. G.) Genera Insectorum, *&c.* Fasc. 114. Hymenoptera. 4⁰. 1911.

Szépligeti (G.) & **Mocsáry** (S.) [Hymenoptera from northern Asia.] *See* Zichy (J.) *Count.* Zichy J. Gróf. Harmadik Ázsiai Utazása, *&c.* Bd. ii. 4⁰. 1901.

SZÉPLIGETI (Victor) *See* Szépligeti (G.)

SZIGETHY (Károly) A folyami rák Zöldmirigyének boncz-, szövet- és élettana. [The anatomy, histology and physiology of the green glands of the Crayfish.] *pp. 18 : 2 pls. See* Budapest.—Magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xiv, szám 7. 8⁰. 1884.

Szigethy (K.) [Turbellaria of Lake Balaton.] *See* Budapest.—Magyar földrajzi társulat. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. ii. 4⁰. 1897.

SZINNYEI (József) [1830-] & (József) *the Younger* [1857-] Bibliotheca Hungarica historiæ naturalis et matheseos. Magyarország természettudományi és mathematikai könyvészete 1472–1875, *&c. pp. viii, coll. 1008.* 8⁰. *Budapest*, 1878.

SZTERENYI (Hugó) Az Ó-Sopot és Dolnya-Lyubkova (Krassó-Szörény megye) között lévő terület eruptiv kőzetei. *pp. 74 : 2 pls., text illust.*—Ueber die eruptiven Gesteine des Gebietes zwischen O-Sopot und Dolnya-Lyubkova im Krassó-Szörényer Comitate. *pp. 72 : 2 pls., text illust. See* Austria-Hungary.—Magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. vi, füz. 7. 8⁰. 1883.

SZUBERT (Michał) [1787–1860] Spis Roślin Ogrodu Botanicznego Krolewskiego-Warszawskiego-Uniwersytetu. [List of Plants in the Botanic Garden of the Royal University of Warsaw.] *pp. xliv, 583.* 4⁰. *Warszawie*, 1824.

Szubert (M.) Opisanie Drzew i Krzewow leśnych krolestwa Polskiego. [Descriptions of the Trees and Shrubs growing in the kingdom of Poland.] *pp.* [*x*,] *xxxiv, 357* [*13*]. 8⁰. *w Warszawie*, 1827.

SZYMONOWICZ (Władysław) Lehrbuch der Histologie und der mikroskopischen Anatomie, mit besonderer Berücksichtigung des menschlichen Körpers, *&c. pp. xi,* [*i,*] *455 : 52 pls.* (*col.*), *text illust.* 8⁰. *Würzburg*, 1901.

SZYSZYŁOWICZ (Ignaz von) Caryocaraceæ (Rhizoboleæ), Marcgraviaceæ & Theaceæ (Ternstrœmiaceæ). *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. iii, abth. 6. 8⁰. 1893.

Szyszyłowicz (I. von) Diagnoses Plantarum novarum a . . . C. Jelski in Peruvia lectarum. Pt. 1.† *pp. 25.* 8⁰. *Cracoviæ*, 1894.
Rozprawy Akad. Umiejętności Wyd. Mat.-Przyrod. Ser. II, tom. ix (= xxix of the whole series), 1895.

T., C. The Natural History of Common Salt: its manufacture, appearance, *&c.* [Signed C. T., *i.e.* C. Tomlinson.] *pp. vii, 358 : 1 pl., text illust.* 8⁰. *London*, 1850.

T * * *, L. M. P. Voyage dans l'empire de Flore, ou élémens d'histoire naturelle végétale. Ouvrage où l'on trouve l'analyse des leçons du savant auteur de la Flore Atlantique. Par L.-M.-P. T * * *, Médecin [*i.e.* L. Hanin]. 2 Pt. [in 1 Vol.] 4⁰. *Paris*, 1800.

TABATA afterwards **Yamashita** (Sukeshiro) Ueber die Früchte und Keimpflanzen von *Rhus succedanea*, L. *pp. 11 : 1 pl. See* Tokio.—teikoku daigaku. Journal of the College of Science, *&c.* Vol. xxiii, art. 1. 4⁰. 1907.

TABERNÆMONTANUS (Jacobus Theodorus) *See* Theodorus (J.) *Tabernæmontanus.*

TABLADA (José de Hidalgo) *See* Hidalgo Tablada.

TABLETTES ZOOLOGIQUES, publiées sous la direction de A. Schneider. Tom. i—iii, no. 2.† *illust.* 8⁰. *Poitiers*, 1885–92.

TACHANOVSKIĬ (Vladīslav K.) *See* Taczanowski (Władysław).

TACHARD (Gui) [*c.*1650–1712] Reise . . . nach Siam. (1685.)—Zweyte Reise . . . nach Ostindien [Siam, *&c.*, 1687]. *See* Arkstee ( ) & Merkus ( ). Allgemeine Historie der Reisen, *&c.* Bd. x. 4⁰. 1752.

TACZANOWSKI (Władysław) [1819–1889] K. Hr. Tyzenhauza Oologia Ptaków Polskich, wystawiona na 170 tablicach . . . do których opisy ułożył W. Taczanowski. [K. Tyzenhauz's Oology of Polish Birds, displayed in 170 plates . . . to which descriptions have been arranged by W. Taczanowski.] 1 Vol. & Atlas. *See* Tyzenhauz (K.) 8⁰. 1862.

Taczanowski (W.) Ornithologie du Pérou. 4 Tom. 8⁰. *Rennes*, 1884–86.

Taczanowski (W.) Spīsok tīpīchnuikh ékzemplyarov Ptītz, po kotoruīm builī ustanovlenui novuie bīdui. [List of typical specimens of Birds, on which new species have been established.] *See* Warsaw.—īmperatorskiĭ varshavskiĭ unīversītet. Kollektziī Zoologhīcheskagho Kabīneta . . . Unīversīteta. i. 8⁰. [1889.]

Taczanowski (W.) Faune Ornithologique de la Sibérie orientale . . . Œuvre posthume. Avec une biographie par J. Stolzmann, *&c. pp. viii, 1278 : 1 port.* 2 Pt. *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxix. 4⁰. (1891–) 1893.

TAEGER (Henrik) A Vértes-hegység földtani viszonyai. *pp. 256 : 9 pls., 2 maps* (*1 geol. col.*), *text illust.*—Die geologischen Verhältnisse des Vértesgebirges. *pp. 276 : 9 pls., 2 maps* (*1 geol. col.*), *text illust. See* Austria-Hungary.—magyar királyi földtani intézet. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. xvii, füz. 1. 8⁰. (1908) 1909.

TAFALLA (Juan) Suplemento á la Quinologia, en el qual se aumentan las especies de Quina nuevamente descubiertas en el Perú por J. Tafalla, *&c. See* Ruiz Lopez (H.) & Pavon (J.) 8⁰. 1801.

TAFF (Joseph Alexander) [1862–] Preliminary report on the Geology of the Arbuckle and Wichita Mountains in Indian territory and Oklahoma, *&c. pp. 97 : 6 pls., 2 maps geol. col. See* United States.—*Geological Survey.* Professional Paper No. 31. 4⁰. 1904.

TAFFARA (L.) & **others.** L'Eruzione Etnea del 1910. 6 Pt. *illust. See* Catania.—accademia gioenia di scienze naturali. Atti, *&c.* Ser. V, vol. iv, no. 17–22. 4⁰. 1911.

TAGORE (*Raja Sir* Sourindro Mohun) [1840–] "Maṇi-Málá," or a Treatise on Gems. [English, Bengali, Hindi & Sanskrit.] 2 Vol. *pp.* [*xiv,*] *iv,* [*ii, x,*] *xiv, ii, 1046 : 11 pls., 1 port., text illust.* 8⁰. *Calcutta*, 1879, 81.

TAGSBERICHTE UEBER DIE FORTSCHRITTE DER NATUR- UND HEILKUNDE, erstattet von . . . R. Froriep, *&c.* No. 1–700. *See* Notizen aus dem Gebiete der Natur- und Heilkunde, *&c.* 8⁰. 1850–52.

TÄGTSTRÖM (Ericus Johannes) Monographia Tricholomatum Sueciæ . . . proponit E. J. Tägtström, *&c.* Pt. 2. *See* Fries (E. M.) 8⁰. 1854.
Also issued as part of Fries' 'Monographia Hymenomycetum Sueciæ,' *&c.* [*q.v.*].

TAHARA (M.) Oogonium liberation and the Embryogeny of some Fucaceous Algæ. *pp. 13 : 3 pls., text illust. See* Tokio.—teikoku daigaku. Journal of the College of Science. Vol. xxxii, no. 9. 8⁰. 1913.

TAINE (Hippolyte Adolphe) [1828–1893] Voyage aux Eaux des Pyrénées. *pp. 274. 27 pls., text illust.* 12⁰. *Paris*, 1855.

TAIT (Alfred W.) Notes on the Narcissi of Portugal. *pp. 7.* 8⁰. *Oporto*, 1886.

TAIT (Peter Guthrie) [1831–1901] & **Thomson** (*Sir* W.) *Baron Kelvin.* [Elements of Natural Philosophy. Pt. 1. *See* Thomson (*Sir* W.) *Baron Kelvin* & Tait (P. G.) 8⁰. 1873.]
Wanting.

—— Second edition. 8⁰. 1879.

—— New edition. 8⁰. 1885.

Tait (P. G.) & **Thomson** (*Sir* W.) *Baron Kelvin.* Treatise on Natural Philosophy . . . New edition. *See* Thomson (*Sir* W.) *Baron Kelvin* & Tait (P. G.) 8⁰. 1883, 86.

Tait (P. G.) & **others.** Life and letters of J. D. Forbes, *&c. See* Shairp (J. C.) *& others.* 8⁰. 1873.

TAKIMOTO (T.) Catalogue of Mineralogical Specimens in the Natural History Department, Tōkyō Imperial Museum. *See* Tokio.—teikoku hakubutsukwan. 8⁰. 1908.

TALBOT (Charles Alexander Price) Report on the Salt Industry in Astrakhan. *See* Great Britain & Ireland.—*Foreign Office.* Reports, *&c.* Miscellaneous Series. No. 294. 8⁰. 1893.

TALBOT (H. W. B.) Geological observations in the country between Wiluna, Hall's Creek, and Tanami. *pp. 88 : 4 maps (3 geol. col.), text illust. See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 39. 8⁰. 1910.

Talbot (H. W. B.) Topographical Map of Meekatharra, *&c.* [Scale 1 in. = ½ m.] *See* WESTERN AUSTRALIA.—*Geological Survey.* [*Maps.*] s.sh. 1911.

Talbot (H. W. B.) Geological investigations in the country . . . embracing parts of the North Coolgardie and East Murchison Goldfields, *&c. pp. 61 : 3 maps (2 geol. col.), text illust. See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 45. 8⁰. 1912.

TALBOT (HENRY PAUL) [1864–] & **Brown** (J. W.) A Bibliography of the analytical chemistry of Manganese. 1785–1900. *pp. viii, 124. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. XLI. 8⁰. 1902.

TALBOT (WILLIAM ALEXANDER) Systematic list of the Trees, Shrubs and Woody Climbers of the Bombay Presidency. *pp. ix, 230.* 8⁰. *Bombay*, 1894.

—— [Another edition entitled :] The Trees, Shrubs, and Woody-Climbers of the Bombay Presidency . . . Second edition. *pp. xxv, 385.* 8⁰. *Bombay*, 1902.

TALIEV (VALERIĬ ĪVANOVĪCH)
Ghīghroskopīcheskaya tkan Pāppus'a slozhnotzvyetnuikh.—Ueber das hygroscopysche Gewebe des Compositenpappus. *pp. 38 : 1 pl.*
Rastītel'nost okrestnosteĭ ghor. Serghacha, Nīzheghorodskoĭ ghub.—Phanerogamen der Umgebung der Stadt Sergatsch im Gouv. Niscny-Nowgorod. *pp. 45.*
See KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXVII, vuip. 3 & 6. 8⁰. 1894.

Taliev (V. Ī.) Syevernaya ghranītza Chernozema, Serghachskiĭ u Nīzheghorodskoĭ ghub.—Die nördliche Grenze des Tschernozem-Bodens im Kreise Ssergatsch des Gouvernements von Nishninowgorod. *pp. 63. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXVIII, vuip. 4. 8⁰. 1895.

Taliev (V. Ī.) Dopolnenie k spīsku Rasteniĭ Serghachskagho u Nīzheghorodskoĭ ghub.—Ein Nachtrag zum Verzeichniss der Pflanzen, welche im Kreise Ssergatsch des Gouvernements von Nischnij-Novgorod wach[s]en. *pp. 8 [1].* [RUSS.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya No. 164. 8⁰. 1898 (1899).

Taliev (V. Ī.) K Florye Saratovskoĭ ghub.—Zur Flora des Gouvernements Saratow. *pp. 7.* [RUSS.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya No. 174. 8⁰. 1899.

TALISMAN, *French Steamer.* Les explorations . . . du Talisman, *&c. See* FILHOL (H.) La Vie au fond des Mers, *&c.* 8⁰. [1885.]

Talisman, *French Steamer.* Expéditions scientifiques du Travailleur et du Talisman pendant . . . 1880-83, *&c. See* FRANCE. [*Voyages, &c.—Travailleur & Talisman.*] 4⁰. 1888→

TALUNGA, *South Australia.* [*Maps.*] Geological Map of the . . . reserved sections in the north of Talunga. Scale 2 in. to 1 m. *See* SOUTH AUSTRALIA.—*Government Geologist's Department.* Notes on Geological Map of Gumeracha, *&c.* fol. 1887.

TAMAN. [*Maps.*] Geologische Karte der Halbinseln von Kertsch und Taman, *&c. See* ABICH (W. H. VON) Karten und Profile zur Geologie, *&c.* s.sh. 1866.

TAMBURINUS (HIERONYMUS) U. Aldrovandi . . . Quadrupedum omniū bisulcorū historia . . . H. Tamburinus in lucem edidit, *&c. See* ALDROVANDI (U.) fol. 1621.

—— [Another edition.] fol. 1642.

TAMLANDER (ZACHARIAS) Observationes historiam Plantarum Fennicarum illustrantes . . . submittunt J. G. Justander et Z. Tamlander, *&c. See* JUSTANDER (J. G.) 4⁰. [1791.]

TAMMANN (GUSTAV HEINRICH JOHANN APOLLON) [1861–] *See* ZEITSCHRIFT FUER ANORGANISCHE CHEMIE . . . Herausgegeben von . . . G. Tammann, *&c.* Bd. XL→ 8⁰. 1904→

TAMMES (TINE) Die Periodicität morphologischer Erscheinungen bei den Pflanzen. *pp. iv, 148 : 1 pl. See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Deel IX, no. 5. 8⁰. 1903.

Tammes (T.) Der Flachsstengel. Eine statistisch-anatomische Monographie. *pp. vii, 285 : 6 pls., text illust. See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. III, deel VI. 4⁰. 1907 (1908).

TAMS (GEORG) Index Molluscorum quæ in itinere ad Guineam inferiorem collegit G. Tams, *&c. See* NOVITATES CONCHOLOGICÆ. Abbildung und Beschreibung neuer Conchylien. Suppt. II. 4⁰. 1853.

TAMWORTH NATURAL HISTORY, GEOLOGICAL, AND ANTIQUARIAN SOCIETY. *See* MIDLAND UNION OF NATURAL HISTORY SOCIETIES.

TANAKA (SHIGEHO) On two new species of Chimæra. *pp. 14 : 2 pls., text illust. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XX, art. 11. 4⁰. 1905.

Tanaka (S.)
Notes on some Japanese Fishes, with descriptions of fourteen new species. *pp. 54 : 4 pls. (1 col.), 1 text illust.*

Notes on some rare Fishes of Japan, with descriptions of two new genera and six new species. *pp. 24 : 2 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXIII, art. 7 & 13. 4⁰. 1908.

Tanaka (S.) Descriptions of one new genus and ten new species of Japanese Fishes. *pp. 27 : 1 pl. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXVII, art. 8. 8⁰. 1909.

Tanaka (S.) & **others.** A Catalogue of the Fishes of Japan. *pp. 497 : text illust. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXXIII, art. 1. 8⁰. 1913.

TANAKA (YOSHIO) Sintei Sōmoku Dzusetsu. [The illustrated Flora of Japan. New edition.] [Edited, with corrections, *&c.*, by Y. Tanaka.] 20 Vol. *See* IINUMA (Y.) [8⁰. 1874.]

Sōmoku Dzusetsu moku roku Sō-bu, *&c.*—Index to the Second Edition of Iinuma Yokusai's Sōmoku-Dusets . . . By Tanaka Y., *&c. See* IINUMA (Y.) [8⁰. 1874.]

Tanaka (Y.) Yu yo Shoku Butsu Dzusetsu, *&c.* [The useful Plants of Japan illustrated and described.—By Y. Tanaka, *&c.*] 3 Vol. *See* TOKIO.—DAI NIPPON NO KAI. 8⁰. [1891.]

TANCRED (*Sir* THOMAS) *Bart.* [1808–1880] On the Collection of Boracic Acid from the Lagoni of Tuscany. *pp. 20 : 1 map.* 8⁰. *Oxford*, 1837.
Forming one of the "Ashmolean Transactions."

TANDON (MOQUIN) *See* MOQUIN-TANDON.

TANGL (FERENCZ) *See* JAHRESBERICHT UEBER DIE FORTSCHRITTE IN DER LEHRE VON DEN PATHOGENEN MIKROORGANISMEN . . . Herausgegeben von . . . F. Tangl. Jahrg. X→ 8⁰. 1896→

TANJORE. [Manuscript] List of the different sorts of Grain, &c., cultivated in the Tanjore country. *See* M., R. 8⁰. [ ]
Banksian MSS., No. 97.

TANKERVILLE, *Earl of*. *See* BENNET.

TANNENBERG (GODOFREDUS GUILELMUS) Dissertatio inauguralis, sistens spicilegium observationum circa partes genitales masculas Avium. *pp. 34 : 3 pls.* 4⁰. *Gottingæ*, 1789.

TANNER (HENRY) Report upon Canada. *pp. 32.* 8⁰. (*London*,) 1883.

TANNER (VÄINÖ) [1881–] Studier öfver Kvartärsystemet i Fennoskandias nordliga delar . . . Résumé en Français, *&c.* 2 Pt. *illust.* *See* FINLAND.—*Finlands Geologiska Undersökning.* Bulletin, *&c.* No. 18 & 21. 8⁰. 1907.

Tanner (V.) Zur Geologischen Geschichte des Kilpisjärwi-Sees in Lappland. *pp. 23 : 2 pls., 1 map (col.), text illust.* *See* FINLAND.—*Finlands Geologiska Undersökning.* Bulletin No. 20. 8⁰. 1907.

Tanner (V.) Ueber eine Gangformation von fossilienführendem Sandstein auf der Halbinsel Långbergsöda-Öjen im Kirchspiel Saltvik, Åland-Inseln. *pp. 13 : 2 pls., text illust.* *See* FINLAND.—*Finlands Geologiska Undersökning.* Bulletin, *&c.* No. 25. 8⁰. 1911.

TANNHAEUSER (FELIX) [1874–] Die jüngeren Gesteine der Ecuatorianischen Ost-Cordillere von Cordillera de Píllaro bis zum Sangay, sowie die des Azuay und eines Teiles der Cuenca-Mulde. *See* REISS (J. W.) W. Reiss : Ecuador, 1870–1874. Petrographische Untersuchungen, *&c.* Hft. 2, no. 2. 4⁰. 1904.

TANSLEY (ARTHUR GEORGE) [1871–] [Gamophyceæ to the end of the Conjugatæ.] *See* KERNER VON MARILAUN (A.) The Natural History of Plants, *&c.* Vol. II. 8⁰. 1895.

Tansley (A. G.) *See* NEW PHYTOLOGIST, *The* . . . Edited by A. G. Tansley. Vol. I→ 8⁰. 1902→

Tansley (A. G.) Types of British Vegetation, by Members of the central Committee for the survey and study of British Vegetation, edited by A. G. Tansley. *pp. xx, 416, 1 tab. : 36 pls., text illust.* 8⁰. *Cambridge*, 1911.

TAPLIN (GEORGE) [The Narrinyeri, *&c.* 8⁰. *Adelaide*, 1874.]
Wanting.

—— [Second edition entitled :] The Native Tribes of South Australia, comprising the Narrinyeri. By . . . G. Taplin. The Adelaide Tribe. By Dr. Wyatt. The Encounter Bay Tribe. By . . . A. Meyer. The Port Lincoln Tribe. By . . . C. W. Schürmann. The Dieyerie Tribe. By S. Gason. Vocabulary of Woolner District dialect (Northern Territory). By J. W. O. Bennett. With an introductory chapter. By J. D. Woods. *pp. xlii [ii,] 316 : 8 pls. col.* 8⁰. *Adelaide*, 1879.

Taplin (G.) The folklore, manners, customs and languages of the South Australian Aborigines . . . Edited by G. Taplin. *See* SOUTH AUSTRALIA. 8⁰. 1879.

TAPPARONE-CANEFRI (CESARE MARIA) [1838–1891] Zoologia del viaggio intorno al globo della Regia Fregata Magenta durante . . . 1865–68. Malacologia (Gasteropodi, Acefali e Brachiopodi). *pp. 161 : 4 pls.* 4⁰. *Torino*, 1874.
Mem. R. Accad. Sci. Torino. Ser. II, tom. XXVIII.

Tapparone-Canefri (C. M.) Contribuzioni per una Fauna Malacologica delle isole Papuane. Pt. 1, 2 & 4. 8⁰. (*Genova*, 1874–77.)
Ann. Mus. Civ. Stor. Nat. Genova. Vol. VI, VII & IX.

Tapparone-Canefri (C. M.) Viaggio dei . . . O. Antinori, O. Beccari ed A. Issel nel Mar Rosso . . . 1870–71. Studio monografico sopra i Muricidi, *&c.* *pp. 76 : 1 pl.* 8⁰. *Genova*, 1875.
Ann. Mus. Civ. Stor. Nat. Genova. Vol. VII.

Tapparone-Canefri (C. M.) Glanures dans la Faune malacologique de l'Île Maurice. Catalogue de la famille des Muricidés (Woodward). *pp. 99 : 2 pls. col.* 8⁰. *Bruxelles*, 1881.
Ann. Soc. Malacol. Belg. Tom. XV. 1880.

TAPROBANIAN, *The*, a Dravidian Journal of Oriental Studies in and around Ceylon, in Natural History . . . &c. Edited by H. Nevill. Vol. I—III, pt. 3.† 4⁰. *Bombay*, 1885–88.

TARAMELLI (TORQUATO) [1845–] Alcune osservazioni sul Ferretto della Brianza. *pp. 38 : 1 map geol. col.* 8⁰. [*Milan*, 1877.]
Atti Soc. Ital. Sci. Nat. Milano. Vol. XIX.

Taramelli (T.) Catalogo ragionato delle Rocce del Friuli. *pp. 67 : 7 pls. (col.)* 4⁰. *Roma*, 1877.
Mem. R. Accad. Lincei, Roma. Ser. III, vol. I.

Taramelli (T.) Monografia stratigrafica e paleontologica del Lias, nelle provincie Venete. *pp. xi, 89, 1 tab. : 10 pls. (1 col.)* 4⁰. *Venezia*, 1880.
This was published as an Appendix to the "Atti R. Istituto Veneto," Ser. V, tom. V, 8⁰. 1879.

Taramelli (T.) Il canton Ticino meridionale ed i paesi finitimi. (Appendice.) *pp. 231 (30 [12]) : 3 pls. col., 1 map col.* *See* SWITZERLAND.—*Carte Géologique Suisse.* Beiträge, *&c.* Lief. XVII. 4⁰. 1880.

Taramelli (T.) Descrizione Geologica della provincia di Pavia, *&c.* *pp. 163 : 1 map geol. col.* 4⁰. *Milano*, 1882.
The map is on the scale of 1 : 200,000, *i.e.* 1 in. = 3¼ m. about.

Taramelli (T.) Geologia delle provincie Venete. *pp. 236 : 3 maps col.* 4⁰. *Roma*, 1882.
Mem. R. Accad. Lincei, Roma. Ser. III, vol. XIII.

Taramelli (T.) Carta Geologica della provincia di Belluno . . . Scala . . . 1 : 172,800 [*i.e.* 1 in. = 2¾ m. about]. *See* BELLUNO. [*Maps.*] s.sh. [1883.]

—— Note illustrative, *&c.* *pp. 215, ii : 3 pls.* 8⁰. *Pavia*, 1883.

Taramelli (T.) I Tre Laghi : Studio geologico orografico, *&c.* *pp. 124 : 3 maps (1 geol. col.)* 8⁰. *Milano*, 1903.

Taramelli (T.) & **Bellio** (V.) Geografia e Geologia dell' Africa. *pp. 334 : 7 maps col.* 8⁰. *Milano*, 1890.

Taramelli (T.) & **Mercalli** (G.) I Terremoti Andalusi, cominciati il 25 Dicembre 1884. *pp. 110 : 2 pls., 2 maps col.* 4⁰. *Roma*, 1886.
Mem. R. Accad. Lincei, Roma. Ser. IV, vol. III.

TARÁNEK (Karl J.) Monographie der Nebeliden Böhmen's. Ein Beitrag zur Kenntniss der Süsswasser-Monothalamien. *pp. 55, iv : 5 pls. col.* *See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Abhandlungen, *&c.* Folg. VI, bd. xi. 4⁰. 1882.

TARAYRE (Edmond Guillemin) *See* Guillemin-Tarayre.

TARDENT (Charles) Essai sur l'histoire naturelle de la Bessarabie. *pp. 88.* 12⁰. *Lausanne*, 1841.

TARDIF (Guillaume) [*c.*1440—*c.*1495] Le livre de l'art de Faulconnerie et des Chiens de Chasse, par G. Tardif, réimprimé sur l'édition de 1792, avec une notice et des notes, par E. Jullien. 2 Tom. [in 1.] 4⁰. *Paris*, 1882.
Cabinet de Venerie, publié par E. Jullien et P. Lacroix. iv.

TARENETZKIĬ (Aleksandr Ivanovich) [1845–] Beiträge zur Anatomie des Darmkanals. *pp. 55.* *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxviii, no. 9. 4⁰. 1881.

Tarenetzkiĭ (A. Ĭ.) Beiträge zur Craniologie der Grossrussischen Bevölkerung der nördlichen und mittleren Gouvernements des Europäischen Russlands. *pp. 81.* *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom, xxxii, no. 13. 4⁰. 1884.

Tarenetzkiĭ (A. Ĭ.) Beiträge zur Craniologie der Ainos auf Sachalin. *pp. 55.* *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxvii, no. 13. 4⁰. 1890.

Tarenetzkiĭ (A. Ĭ.) Weitere Beiträge zur Craniologie der Bewohner von Sachalin — Aino, Giljaken und Oroken. *pp. 45.* *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xli, no. 6. 4⁰. 1893.

Tarenetzkiĭ (A. Ĭ.) Beiträge zur Skelet- und Schädelkunde der Aleuten, Konaegen, Kenai und Koljuschen, mit vergleichend anthropologischen Bemerkungen. *pp. 67, 2 tabs. : 4 pls.* *See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. ix, no. 4. 4⁰. 1900.

TARGETT (James Henry) Descriptive Catalogue of the Dermatological Collection . . . in the Museum of the Royal College of Surgeons . . . Third edition. *See* Royal College of Surgeons of England. 8⁰. 1895.

TARGIONI-TOZZETTI (Adolfo) [1823–1902] Sulla malattia delle Uve. Rapporto, *&c.* *pp. viii, 320 : 1 pl.* 8⁰. *Firenze*, 1856.

Targioni-Tozzetti (Adolfo) Notizie della Vita e delle Opere di P. A. Michele . . . publicate per cura di A. Targioni-Tozzetti. *See* Targioni-Tozzetti (G.) 8⁰. 1858.

Targioni-Tozzetti (Adolfo) Come sia fatto l'organo che fa lume nella Lucciola volante dell' Italia centrale (*Luciola Italica*) e delle fibre muscolari in questo ed altri Insetti et Artropodi, *&c.* *pp. 27 : 2 pls.* *See* Milan.—società italiana di scienze naturali. Memorie, *&c.* Tom. i, no. 8. 4⁰. 1866.

Targioni-Tozzetti (Adolfo) Studii sulle Cocciniglie, *&c.* *pp. 87 : 7 pls.* *See* Milan.—società italiana di scienze naturali. Memorie, *&c.* Tom. iii, no. 3. 4⁰. 1867.

Targioni-Tozzetti (Adolfo) Catalogo metodico degli Animali riportati dalle escursioni nelle provincie meridionale, in Sicilia e in Sardegna negli anni 1868–69 dal . . . A. Targioni-Tozzetti. Pt. 1. Vertebrati, *&c.* *See* Carruccio (A.) 8⁰. 1870.

Targioni-Tozzetti (Adolfo) Relazioni sulla Pesca, *&c.* *pp. 72.* 8⁰. *Genova*, 1872.

Targioni-Tozzetti (Adolfo) Zoologia del viaggio intorno al globo della R. Pirocorvetta Magenta durante gli anni 1865–68. Crostacei brachiuri e anomouri. *See* Florence.—reale istituto di studi superiori, *&c.* 8⁰. 1877.
Publicazioni del . . . Istituto . . . Sezione di Scienze Fisiche e Naturali. Vol. i.

Targioni-Tozzetti (Adolfo) Notizie e indicazioni sulla malattia del pidocchio della vite o della Fillossera (*Phylloxera vastatrix*), *&c.* *pp. 39 : 1 pl. col.* *See* Italy. —ministerio di agricoltura, industria e commercio. Annali, *&c.* No. 11. 8⁰. 1879.

Targioni-Tozzetti (Adolfo) Relazione intorno ai lavori della R. Stazione di Entomologia Agraria di Firenze per gli anni 1877–78 . . . Parte scientifica. *pp. 193 : 3 pls., text illust.* *See* Italy.—ministerio di agricoltura, industria e commercio. Annali, *&c.* No. 34. 8⁰. 1881.

Targioni-Tozzetti (Adolfo) Ortotteri agrari cioè dei diversi Insetti dell' ordine degli Ortotteri nocivi o vantaggiosi all' agricoltura o all' economia domestica e principalmente delle Cavallette. *pp. 238 : text illust.* *See* Italy.—ministerio di agricoltura, industria e commercio. Annali, *&c.* 8⁰. 1882.

Targioni-Tozzetti (Adolfo) [For official publications as Director of the Department of Invertebrata] *See* Florence.—reale museo di fisica e storia naturale.

TARGIONI-TOZZETTI (Antonio) [1785–1856] Raccolta di Fiori, Frutti ed Agrumi più ricercati per l'adornamento dei Giardini, *&c.* *42 pls. col., with descriptive letterpress.* fol. *Firenze*, (1822–) 1825 (–3[0]).
Issued in 14 fasciculi.

Targioni-Tozzetti (Antonio) Catalogo delle Piante che si coltivano nel giardino del . . . P. Torrigiani in Firenze l'anno 1841. *pp.* [*vi*,] *33.* 4⁰. [*Florence*,] 1841.

Targioni-Tozzetti (Antonio) Catalogo delle Piante coltivate nell' Orto Botanico-Agrario detto dei Semplici in Firenze l'anno 1841. *pp. xv, 82.* 4⁰. *Firenze*, 1841.

Targioni-Tozzetti (Antonio) Alcune esperienze che escludono l'assorbimento dell' acido arsenioso nelle Piante in stato fisiologico, *&c.* *pp. 19.* 8⁰. [*Florence*,] 1845.
Gazzetta Toscana Sci. Med.-fis. Anno iii.

TARGIONI-TOZZETTI (Giovanni) [1712–1783] C. P. A. Michelii Catalogus Plantarum Horti Cæsarei Florentini, opus . . . continuatum . . . ab I. Targionio-Tozzettio, *&c.* *See* Florence.—reale istituto di studi superiori pratici e di perfezionamento. 4⁰. 1748.

Targioni-Tozzetti (G.) Prodromo della corografia e della topografia fisica della Toscana. *pp. 210.* 8⁰. *Firenze*, 1754.

Targioni-Tozzetti (G.) J. Targioni-Tozzetti Catalogus Vegetabilium marinorum Musei sui, opus posthumum ad secundam partem novorum Generum Plantarum celeberrimi P. A. Micheli inserviens, cum notis O. Targioni-Tozzetti Joannis filii. *pp.* [*iv*,] *91 : 3 pls.* fol. *Florentiæ*, 1826.

Targioni-Tozzetti (G.) Notizie della Vita e delle Opere di P. A. Micheli . . . pubblicate per cura di A. Targioni-Tozzetti. *pp. vi, 446.* 8⁰. *Firenze*, 1858.

Targioni-Tozzetti (G.) Le Collezioni di G. E. Rumpf acquistate dal Granduca Cosimo III de' Medici, una volta esistenti nel Museo di Fisica e Storia Naturale di Firenze. Estratto da un catalogo manoscritto dal Prof. G. Targioni-Tozzetti per cura di U. Martelli. *pp. 213.* 8⁰. *Firenze*, 1903.

TARGIONI-TOZZETTI (Ottaviano) [1755–1826] Sulle Cicerchie memoria, *&c.* *pp. 72, 1 tab.* 8⁰. *Firenze*, 1793.

Targioni-Tozzetti (O.) Instituzioni Botaniche. 2 Tom. 8⁰. *Firenze*, 1794–96.

—— Seconda edizione, *&c.* 3 Tom. *illust.* 8⁰. *Firenze*, 1802.

Targioni-Tozzetti (O.) O. Targioni . . . observationum Botanicarum decas prima et secunda. *pp. 55 : 5 pls.* *See* Florence.—Reale museo di fisica e storia naturale. Annali, *&c.* Tom. i. 4⁰. 1808.

Targioni-Tozzetti (O.) Dizionario Botanico Italiano che comprende i nomi volgari Italiani, specialmente Toscani, e vernacoli delle Piante raccolti da diversi autori, e dalla gente di campagna col corrispondente Latino Linneano. 2 Pt. [in 1 Vol.] 8⁰. *Firenze*, 1809.

Targioni-Tozzetti (O.) J. Targioni-Tozzetti Catalogus Vegetabilium marinorum Musei sui . . . cum notis O. Targioni-Tozzetti, *&c.* *See* Targioni-Tozzetti (G.) fol. 1826.

TARIN (Joaquin Gonzalo y) *See* Gonzalo y Tarin.

TARNIER (Frédéric) [Catalogue of the Coleoptera of the Azores, with descriptions.] *See* Morelet (P. M. A.) Îles Açores, *&c.* 8⁰. 1860.

TARNUZZER (Chr.) [1860–] Der geologische Bau des Rhätikongebirges, *&c.* *pp. 124 : 1 pl., text illust.* 8⁰. *Chur*, 1891.

Jahresb. Naturf. Gesell. Graubündens. Jahrg. xxxv.

Tarnuzzer (C.) & **Grubenmann** (J. U.) Beiträge zur Geologie des Unterengadins. i. Teil. Das Gebiet der Sedemente. Von . . . C. Tarnuzzer. ii. Teil. Die kristallinen Gesteine. Von . . . U. Grubenmann. *pp. xii, 248 : 1 pl. col., 1 map geol. col., text illust.* *See* Switzerland.—*Carte Géologique Suisse.* Beiträge, *&c.* Lief. liii. 4⁰. 1909.

TARR (Ralph Stockman) [1864–1912] Economic Geology of the United States, with briefer mention of foreign mineral products. *pp. xx, 509, 1 tab. : 2 pls., text illust.* 8⁰. *New York & London*, 1894.

Tarr (R. S.) & **Butler** (B. S.) The Yakutat Bay region, Alaska. Physiography and . . . Geology. *pp. 183 : 33 pls., 4 maps (1 geol. col.), text illust.* *See* United States.—*Geological Survey.* Professional Paper No. 64. 4⁰. 1909.

Tarr (R. S.) & **Martin** (L.) The Earthquakes at Yakutat Bay, Alaska, in September, 1899 . . . With a Preface by G. K. Gilbert. *pp. 135 : 26 pls., 7 maps (col.), text illust.* *See* United States. — *Geological Survey.* Professional Paper No. 69. 4⁰. 1912.

TARRADE (Adrien) [1844–] Des Principaux Champignons comestibles et vénéneux de la Flore Limousine . . . 2ᵉ édition, *&c.* *pp. 138 : 6 pls. col.* 8⁰. *Paris & Limoges*, 1874

TARVER (John Charles) [1790–1851] The royal phraseological English-French, French-English Dictionary . . . Sixth edition. 2 Vol. 8⁰. *London*, 1879.

The French-English part is of the fifth edition.

TASCHENBERG (Ernst Ludwig) [1818–1898] Handbuch der botanischen Kunst-Sprache, *&c.* *pp. xvi, 184 : 2 pls.* 8⁰. *Halle*, 1843.

Taschenberg (Ernst L.) Deutschlands Pflanzengattungen, oder charakteristische Merkmale der in Deutschland wildwachsenden Gattungen der Phanerogamen, einiger Kryptogamen und der überall angepflanzten ausländischen Bäume und Sträucher, *&c.* *pp. xii, 147.* 8⁰. *Merseburg*, 1845.

Taschenberg (Ernst L.) Was da kriecht und fliegt! Bilder aus dem Insekten-Leben, mit besonderer Berücksichtigung ihrer Verwandelungsgeschichte. *pp. vii, 632 : text illust.* 8⁰. *Berlin*, 1861.

Taschenberg (Ernst L.) Naturgeschichte der wirbellosen Thiere, die in Deutschland sowie in den Provinzen Preussen und Posen den Feld-, Wiesen- und Weide-Culturpflanzen schädlich werden. *pp. xii, 288 : 7 pls. col., text illust.* 8⁰. *Leipzig*, 1865.

K. Preuss. Landes-Oekon.-Coll. gekrönt. Schrift.

Taschenberg (Ernst L.) Die Hymenopteren Deutschlands nach ihren Gattungen und theilweise nach ihren Arten, *&c.* *pp. vi, 277 : text illust.* 8⁰. *Leipzig*, 1866.

Taschenberg (Ernst L.) Leben der Insekten, Tausendfüssler und Spinnen. *See* Brehm (A. E.) Illustrirtes Thierleben, *&c.* Bd. vi. 8⁰. 1869.

—— —— Zweite . . . Auflage. Bd. ix. 8⁰. 1877.

—— Neubearbeitet . . . von C. L. Taschenberg. *See* Brehm (A. E.) Brehms Thierleben . . . Dritte . . . Auflage. Bd. ix. 8⁰. 1892.

Taschenberg (Ernst L.) Entomologie für Gärtner und Gartenfreunde, oder Naturgeschichte der dem Gartenbau schädlichen Insekten, Würmer, etc., so wie ihrer natürlichen Feinde, nebst Angabe der gegen erstere anzuwendenden Schutzmittel. *pp. vi, 585 : text illust.* 8⁰. *Leipzig*, 1871.

Taschenberg (Ernst L.) Forstwirthschaftliche Insekten-Kunde, oder Naturgeschichte der den Deutschen Forsten schädlichen Insekten, Angabe der Gegenmittel nebst Hinweis auf die wichtigsten Waldbeschützer unter den Thieren. *pp. vi, 548 : text illust.* 8⁰. *Leipzig*, 1874.

Taschenberg (Ernst L.) Praktische Insekten-Kunde, oder Naturgeschichte aller derjenigen Insekten, mit welchen wir in Deutschland nach den bisherigen Erfahrungen in nähere Berührung kommen können nebst Angabe der Bekämpfungsmittel gegen die schädlichen unter ihnen. 5 Thl. *text illust.* 8⁰. *Bremen*, 1879–80.

TASCHENBERG (Ernst Otto Wilhelm) [1854–] Anatomie, Histiologie und Systematik der Cylicozoa, Leuckart, einer Ordnung der Hydrozoa. Inaugural-Dissertation, *&c.* *pp. 104 : 4 pls.* 8⁰. *Halle*, 1877.

Zeitschr. f. Ges. Naturw. Sachsen & Thüringen. Bd. xlix.

Taschenberg (Ernst O. W.) Die Flöhe. Die Arten der Insectenordnung Suctoria nach ihrem Chitinskelet monographisch dargestellt. *pp. 120 [2] : 4 pls.* 8⁰. *Halle*, 1880.

Taschenberg (Ernst O. W.) Die Mallophagen, mit besonderer Berücksichtigung der von Dr. Meyer gesammelten Arten, *&c.* *pp. 244 : 7 pls.* *See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. xliv, no. 1. 4⁰. 1882 (1883).

Taschenberg (Ernst O. W.) Was sind Holzwürmer und wie erwehrt Man sich ihrer? *pp. 40 : text illust.* 8⁰. *Halle*, 1883.

Taschenberg (Ernst O. W.) Bibliotheca Zoologica II. Verzeichniss der Schriften über Zoologie welche . . . vom Jahre 1861–1880 . . . erschienen sind . . . Bearbeitet von . . . O. Taschenberg. Bd. I→ *See* Engelmann (W.) Bibliotheca Historico-Naturalis, *&c.* 8⁰. 1886→

Taschenberg (Ernst O. W.) Geschichte der Zoologie und der zoologischen Sammlungen an der Universität Halle, 1694–1894. *pp. 176 : 9 pls., text illust. See* Halle. — Naturforschende Gesellschaft. Abhandlungen, *&c.* Bd. xx. 8⁰. 1894.

Taschenberg (Ernst O. W.) & **others.** Festschrift zum siebenzigsten Geburtstage R. Leuckarts. Dem verehrten Jubilar dargebracht von seinen dankbaren Schülern, *&c. pp. xv, 413* [*2*] *: 40 pls.* (*col.*), *1 port., text illust.* 4⁰. *Leipzig*, 1892.

Contains :—
- Die bisherigen Publicationen R. Leuckart's. Zusammengestellt von O. Taschenberg.
- Abnorme Schädelnähte bei Menschen und Anthromorphen. Von H. Welcker.
- Ein Anthropoiden-Fötus. Von E. Schmidt.
- Ueber die Gelenkflächen des Ellenbogengelenks. Von H. Kadyi.
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- On the Anatomy of *Myzominus scutatus* (Müller, 1869), Stiles, 1892. By C. W. Stiles.
- Studi sui parassiti di Molluschi di acqua dolce nei dintorni di Cairo in Egitto. Del P. Sonsino.
- Ueber *Amphistomum subclavatum*, Rud., und seine Entwickelung. Von A. Looss.
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- Ueber Horner und Geweihe. Von A. Brandt.

TASCHENBERG (Otto) *See* Taschenberg (E. O. W.)

TASCHENBUCH FUER DIE GESAMMTE MINERALOGIE. *See* Neues Jahrbuch fuer Mineralogie, *&c.*

TASCHENBUCH FUER FREUNDE DER GEOLOGIE . . bearbeitet von K. C. v. Leonhard. Jahrg. I–III.† 8⁰. *Stuttgart*, 1845–47.

TASCHENBUCH FUER GEOLOGEN, PALEONTOLOGEN UND MINERALOGEN, *&c.* Jahrg. IV. *See* Kalender fuer Geologen, *&c.* 8⁰. 1901.

TASCHNER (Christianus Fridericus) [1817–] Dissertatio inauguralis medico-botanica de duabus novis Trichomanum speciebus de earum necnon aliarum hujus generis Plantarum structura, *&c. pp. 35 : 2 pls.* 4⁰. *Jenæ*, 1843.

TASHIKI-KWAI: OR NATURAL HISTORY SOCIETY, TOKIO. *See* Tokio.

TASLÉ (Amand) [1801–1876] Catalogue des Mammifères, des Oiseaux et des Reptiles observés dans le département du Morbihan. *pp. iv, 48.* 8⁰. *Vannes*, 1866 [–68].

Taslé (A.) Faune Malacologique marine de l'ouest de la France. Catalogue des Mollusques observés dans l'Atlantique Français, depuis les parages de Brest jusqu'aux Frontières d'Espagne. Supplément. *pp. 63.* 8⁰. *La Rochelle*, 1870.

The original Catalogue, published in 1868, appeared both in the Annales de l'Académie de La Rochelle and as a separate work.

TASMAN (Abel Janszen) [*c.* 1602–1659] Reise nach den Südländern. (1642–43.) *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. xii. 4⁰. 1754.

Tasman (A. J.) Voyage to Australasia. *See* Callander (J.) Terra Australis cognita, *&c.* Vol. ii. 8⁰. 1768.

Tasman (A. J.) Voyage . . . for the discovery of southern countries, *&c. See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. xi. 4⁰. 1812.

TASMANIA. Van Diemen's Land; comprehending a variety of statistical and other information, *&c. pp. xi, 216.* 8⁰. *Hobart Town*, 1833.

Tasmania. Mersey Coal Field. Report of Mr. [C.] Gould. *pp. 10 : 3 maps col.* 4⁰. *Tasmania*, 1862.

Tasmania. Systematic account of the Geology of Tasmania, by R. M. Johnston. *pp. xxii, 408, 1 tab. : 81 pls.* (*4 col.*), *1 map col., text illust.* 4⁰. *Hobart*, *&c.*, 1888.

Tasmania. Report on the recently discovered Tin Ore Lode, of the Great Republic Tin Mine, Mount Ben Lomond, County of Cornwall, Tasmania. *pp. 14.* 8⁰. *London*, 1890.

Tasmania. Handbook of Tasmania, with list of reference works on the agricultural, pastoral, horticultural, and mineral resources of the Colony. *pp. 31* [*1*]*: 1 map col.* 8⁰. *Tasmania*, 1899.

TASMANIA.—Department of Mines. Report of the Secretary for Mines, *&c.* 1900–01→ *illust.* 8⁰. *Hobart*, 1901→

Tasmania.—Department of Mines. Geological Survey Bulletin No. 1→ 8⁰. *Hobart*, 1907→

Wanting No. 7, which, however, only contains a preliminary statement of the subject matter of No. 8.
Each number contains a separately-paged paper.

Tasmania.—Department of Mines. Geological Survey Record No. 1→ 8⁰. (*Hobart,*) *Tasmania*, 1913→

Each number contains a separately-paged paper.

Tasmania.—Department of Mines. Report on the Den Hill Gold deposits. (By W. H. Twelvetrees.) *pp. 7.* 8⁰. [*Hobart*, 1902.]

Tasmania.—Department of Mines. Report on the Tin Ore deposits of Mount Heemskirk. (By G. A. Waller.) *pp. 46 : 4 plans.* 8⁰. [*Hobart*, 1902 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on the Western Silver Mine, Zeehan. (By G. A. Waller.) *pp. 18 : 1 pl., 1 map.* 8⁰. [*Hobart*, 1902.]

Tasmania.—DEPARTMENT OF MINES.
Report on Findon's Copper sections, Mount Darwin. (By G. A. Waller.) *pp. 14.* 8⁰. [*Hobart*, 1903 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on Kerosene Shale and Coal seams in the parish of Preolenna. (By W. H. Twelvetrees.) *pp. 16 : 1 map.* 8⁰. [*Hobart*, 1903.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Iron and Zinc-Lead Ore deposits of the Comstock district. (By G. A. Waller.) *pp. 34 : 1 pl., 1 plan.* 8⁰. [*Hobart*, 1903.]

Tasmania.—DEPARTMENT OF MINES.
Report on Mineral fields between Waratah and Long Plains. (By W. H. Twelvetrees.) *pp. 38.* 8⁰. [*Hobart*, 1903.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Mineral Resources of the districts of Beaconsfield and Salisbury. (By W. H. Twelvetrees.) *pp. 62 : 3 pls., 1 map.* 8⁰. [*Hobart*, 1903.]

Tasmania.—DEPARTMENT OF MINES.
Report upon the present position of the Tasmania Mine, Beaconsfield. (By W. H. Twelvetrees.) *pp. 8.* 8⁰. [*Hobart*, 1903.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Primrose Mine, Rosebery. (By G. A. Waller.) *pp. 4.* 8⁰. [*Hobart*, 1903 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on the Sandfly Coal Mines. (By W. H. Twelvetrees.) *pp. 12.* 8⁰. [*Hobart*, 1903 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on Coal near George Town, and Slate near Badger Head. (By W. H. Twelvetrees.) *pp. 10 : 2 maps.* 8⁰. [*Hobart*, 1904 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on deposits of Clay at George's Bay and elsewhere. (By W. H. Twelvetrees.) *pp. 10.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Dial Range and some other Mineral districts on the north-west coast of Tasmania. (By W. H. Twelvetrees.) *pp. 27.* 8⁰. [*Hobart*, 1904 ?]

Tasmania.—DEPARTMENT OF MINES.
Report on the Mt. Farrell Mining district. (By G. A. Waller.) *pp. 16.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Mount Victoria Goldfield. (By W. H. Twelvetrees.) *pp. 30 : 2 plans.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
Report on the prospects of the Stanley River Tinfield. (By G. A. Waller.) *pp. 19 : 1 map.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
Report on the South Mount Victoria Mining field. (By W. H. Twelvetrees.) *pp. 22.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
Report on the Zeehan Silver-Lead Mining field. (By G. A. Waller.) *pp. 101 : 1 pl., 1 map geol. col.* 8⁰. [*Hobart*, 1904.]

Tasmania.—DEPARTMENT OF MINES.
The Progress of the Mineral Industry of Tasmania for the Quarter ending 31st March, 1912, compiled by W. H. Wallace, *&c.* *pp. 13.* 8⁰. *Hobart*, 1912.

TASMANIA.—FISHERIES DEPARTMENT.
Report for . . . 1885 [-86]. [By W. S. Kent.] *pp. 21 : 2 pls.* fol. (*Tasmania,*) 1886.

TASMANIA.—Royal Society of Tasmania.
See ROYAL SOCIETY OF TASMANIA.

TASMANIA. [*Maps.*] This Map of Tasmania in 1859 . . . is . . . by J. Sprent. Scale 1 : 656,410 . . . 10·36 . . . miles to an inch.
s.sh. *col. Hobart Town, London, &c.*, 1859.

Tasmania. [*Maps.*] First sketch of a Geological Map of Australia, including Tasmania . . . Scale 110 m. = 1 in. *See* VICTORIA, *Australia.—Geological Survey.* [*Maps.*] sh. 1875.

—— [Revised edition.] sh. 1876.

Tasmania. [*Maps.*] Map of Tasmania. Compiled and drawn . . . by L. Hall . . . Scale 1 : 316,800. 5 miles to an inch. 4 sh. *Hobart*, 1883.

Tasmania. [*Maps.*] Tasmania. Drawn by E. P. W. Castray. Scale 7½ miles to one inch.
s.sh. *col.* [*Hobart,*] 1883.

Tasmania. [*Maps.*] Tasmania. Compiled . . . by L. Hall. Scale 15 miles to an inch.
s.sh. *col. Hobart*, 1884.

Tasmania. [*Maps.*] Sketch map : general Geological features of Tasmania. Geological features compiled by C. P. Sprent, under the superintendence of R. M. Johnston, *&c.* Scale 15 miles to an inch.
s.sh. *col. Hobart*, 1885.

TASMANIAN FIELD NATURALISTS' CLUB. [Founded 1904.]
The Tasmanian Naturalist. The Journal of the . . . Club. Vol. II→ *illust.* 8⁰. *Hobart* (*Tasmania*), 1909→

Tasmanian Field Naturalists' Club.
Easter Camp-out, 1911 (–1912), *&c.* 8⁰. *Hobart* [1911–12].
Reprinted from the "Tasmanian Mail."

TASMANIAN INTERNATIONAL EXHIBITION, 1894. *See* HOBART.

TASMANIAN MUSEUM. *See* HOBART.

TASMANIAN NATURALIST, The, *&c.* Vol. II→ *See* TASMANIAN FIELD NATURALISTS' CLUB. 8⁰. 1909→

TASMANIAN SOCIETY.
[1838 Founded.
1848 Amalgamated with the '*Royal Society of Van Diemen's Land for Horticulture, Botany,*' *&c.*, to form the '*Royal Society of Tasmania,*' q.v.]
The Tasmanian Journal of Natural Science, Agriculture, Statistics, *&c.* Vol. I & II.
8⁰. *Hobart Town & London*, 1841–46.
Wanting Vol. III.

—— Register of Papers published in the . . . Journal, *&c.* *See* ROYAL SOCIETY OF TASMANIA. 8⁰. 1887.

TASSI (ATTILIO)[1820-] Della fruttificazione dell'*Hoya carnosa*, R. Br. Discorso, *&c.* *pp. 14.* 8⁰. *Milano*, 1856.
Giornale i Giardini. Fasc. X.

Tassi (A.) Sulla Flora della provincia Senese e Maremma Toscana. *pp. 63 : 1 pl.* 8⁰. *Siena*, 1862.
Guida di Siena.

Tassi (A.) Cenno sulla botanica agraria, medica, economica et industriale della provincia di Siena. *pp. 130 : 1 pl.* 4⁰. *Siena*, 1865.
Annuario Corog.-Econom.-Amminist. Prov. Siena. Ann. I.

TASSIN (WIRT) [1869–] Directions for collecting Minerals. *pp. 6 : text illust. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 39, pt. H. 8⁰. 1895.

TASSY (LOUIS) [1816–] Cours élémentaire de culture des Bois . . . sixième édition, publiée par . . . L. Tassy, *&c. See* LORENTZ (B.) 8⁰. 1883.

TATARINOFF (ALEKSANDR) Diagnoses de Lépidoptères nouveaux, trouvés par MM. Tatarinoff et Gaschkewitsch aux environs de Pekin. *See* BREMER (O.) & GREY (W.) 8⁰. 1853.

TATE (ALEXANDER NORMAN) [1837–1892] *See* RESEARCH : a monthly . . . journal of Science. Edited by A. N. Tate. Vol. I & II.† 4⁰. 1888–90.

TATE (GEORGE) [1805–1871] The Fossil Flora of the Mountain Limestone formation of the Eastern Borders in connection with the natural history of Coal. *See* JOHNSTON (G.) Terra Lindisfarnensis, *&c.* Vol. I. 8⁰. 1853.

Tate (GEORGE) The Farne Islands, with an account of their geology, botany, zoology and ancient history. *pp. 30 : 2 pls.* 8⁰. *London*, 1857.
History Berwicks. Nats'. Club. Vol. III.

Tate (GEORGE) The Geology and Archæology of Beadnell, Northumberland, with descriptions of Fossil Annelids, by G. Tate.—The Land and Freshwater Mollusca of Alnwick, by G. R. Tate. *pp. 25 : 1 pl.* 8⁰. *Alnwick*, 1858.
History Berwicks. Nats'. Club. Vol. IV.

Tate (GEORGE) The polished and scratched Rocks in the neighbourhood of Alnwick, viewed in connection with the Boulder Formation in Northumberland. *pp. 8.* 8⁰. (*Alnwick*, 1860.)
From "The Mercury" newspaper, Feb. 1860, being a reprint of the paper as it appeared in the "Trans. Tyneside Nats'. Field Club," Vol. I, 1850.

Tate (GEORGE) Geology of Northumberland and Durham, *&c. pp. 37 [2] : 1 map geol. col.* 8⁰. *Newcastle-on-Tyne*, 1867.
Nat. Hist. Trans. Northumb. & Durham. Vol. II.

Tate (GEORGE) [A sketch of the Geology of Northumberland and Durham.] *See* BAKER (J. G.) & TATE (G. R.) A New Flora of Northumberland and Durham, *&c.* 8⁰. 1868.

Tate (GEORGE) The History of the borough, castle, and barony of Alnwick. Vol. II. 4⁰. *Alnwick*, 1868–69.
Large-paper copy. Vol. I was issued in 1866.
Contains, *inter alia* :—
Flora of Alnwick. By G. R. Tate.
Musci and Hepaticæ. By R. Middlemas.
Land and Fresh Water Shells [compiled from a paper by G. R. Tate].
Vertebrate Animals. By R. C. Embleton.
Geology of the Alnwick district.

TATE (GEORGE RALPH) [1835–1874] The Land and Freshwater Mollusca of Alnwick. *See* TATE (G.) The Geology and Archæology of Beadnell, *&c.* 8⁰. 1858.

Tate (GEORGE R.) Flora of Alnwick. Flowering Plants, Ferns, and their allies. *See* TATE (G.) The History of . . . Alnwick. Vol. II. 4⁰. 1868–69.

Tate (GEORGE R.) & **Baker** (J. G.) A new Flora of Northumberland and Durham, *&c. See* NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, DURHAM AND NEWCASTLE-UPON-TYNE. Natural History Transactions, *&c.* Vol. II. 8⁰. 1868.

TATE (RALPH) [1840–1901] Flora Belfastiensis. The Plants around Belfast, with their geographical and geological distribution. *pp. xix, 92.* 8⁰. *Belfast*, 1863.

Tate (R.) A plain and easy account of the Land and Fresh-water Mollusks of Great Britain, *&c. pp. viii, 244 : 11 pls., litho. title, text illust.* 8⁰. *London*, 1866.

Tate (R.) A List of the Irish Liassic Fossils, with Notes on the new and critical species. *pp. 24 : 1 pl.* 8⁰. [*Belfast*,] 1870.
Ann. Rept. Belfast Nats'. Field Club. Appendix Vol. I, no. 1.

Tate (R.) [Rudimentary Treatise on Geology. (Partly based on Major-Gen. Portlock's Rudiments of Geology [*q.v.*].) Pt. I. Physical Geology. (Pt. II. Historical Geology.) 2 Vol. 8⁰. *London*, 1871.]
Wanting. Each part subsequently went through successive, distinct editions.

—— Second edition. 2 Pt. *illust.* 8⁰. *London*, 1874–75.

—— Third edition. Pt. I. Physical Geology. *pp. viii, 215 : 1 pl., text illust.* 8⁰. *London*, 1879.

Tate (R.) Appendix to the Manual of Mollusca of S. P. Woodward . . . containing such recent and fossil Shells as are not mentioned in the second edition of that work. *See* WOODWARD (S. P.) A Manual of the Mollusca . . . Third edition, *&c.* 12⁰. 1875.

Tate (R.) Rhætic and Liassic [Strata of the Bristol District]. *See* BRITISH ASSOCIATION, *&c.* Bristol and its Environs, *&c.* Section VII. 8⁰. 1875.

Tate (R.) A Census of the indigenous Flowering Plants and Ferns of extratropical South Australia. *pp. 45.* 8⁰. *Adelaide*, 1880.
Trans. R. Soc. S. Australia. Vol. III.
For a "Revised List," *See* op. cit., Vol. XII, 1889.

Tate (R.) On the Australian Tertiary Palliobranchs. *pp. 31 : 5 pls.* 8⁰. [*Adelaide*, 1880.]
Trans. R. Soc. S. Australia. Vol. III.

Tate (R.) Plan shewing natural features of trigonometrical survey [of part of Rosebery county near Port Darwin]. The Geological and Mineralogical data inserted by R. Tate. *See* SOUTH AUSTRALIA, *Northern Territory.* [*Maps.*] 1882.

Tate (R.) Prof. Tate's Report on the Mineralogical, &c., features of the Northern Territory. *See* SOUTH AUSTRALIA, *Northern Territory.* 4⁰. 1882.

Tate (R.) A Handbook of the Flora of extratropical South Australia, containing the Flowering Plants and Ferns. *pp. vi, 303 : 1 map.* 8⁰. *Adelaide*, 1890.

Tate (R.) [Australasian] Association for the Advancement of Science. Inaugural Address [Century of Geological Progress] . . . read at the Adelaide meeting . . . 1893. *pp. 69.* 8⁰. [*Adelaide*,] 1893.

Tate (R.) On the geographic relations of the Floras of Norfolk and Lord Howe Islands. *See* LINNEAN SOCIETY OF NEW SOUTH WALES. The Macleay Memorial Volume, *&c.* 4⁰. 1893.

Tate (R.) [Mollusca, Botany and Palæontology of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. II & III. 4⁰. 1896.

Tate (R.) & **Blake** (J. F.) The Yorkshire Lias. *pp. viii, 475, xii : 23 pls. (3 col.), 2 maps col., text illust.* 8⁰. *London*, 1876.

Tate (R.) & **Mueller** (*Sir* F. J. H. von) *K.C.M.G., Baron.* List of Plants collected during Mr. Tietkens' expedition into Central Australia, 1889. [With descriptions of the new species.] *See* South Australia. Journal of the Central Australian exploring expedition, 1889, *&c.* 8⁰. 1891.

Tate (R.) & **Watt** (J. A.) Physical Geography—General Geology [of Central Australia]. *See* Horn (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. iii. 4⁰. 1896.

Tate (R.) & **Watt** (J. A.) Report of the Physical Geography of Central Australia. *See* South Australia. Journal of the Horn scientific exploring expedition, 1894, *&c.* 8⁰. 1897.

TATRA MOUNTAINS. [*Map.*] Carte Géologique de la chaîne du Tatra et des soulèvemens parallèles. [Scale 1 in. = 4 m. about.] *See* Carpathians. [*Maps.*] [1844 ?]

TATTERSALL (Walter Medley) [1882-] Report on the Cephalochorda collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report to the Government of Ceylon on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Supplementary Reports, No. 6. 4⁰. 1903.

Tattersall (W. M.) Report on the Leptostraca, Schizopoda and Stomatopoda collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. v. Supplementary Reports, No. 33. 4⁰. 1906.

Tattersall (W. M.)
Nebaliacea, Cumacea, Schizopoda, and Stomatopoda [from Clare Island]. *pp. 10.*
Marine Isopoda and Tanaidacea [from Clare Island]. *pp. 6.*
See Royal Irish Academy. Proceedings, *&c.* Vol. xxxi. Clare Island Survey, Pt. 41 & 43. 8⁰. 1912.

TATTI (Giovanni) Della Agricoltura . . . libri cinque. Ne quali si contengono tutte le cose appartenenti al bisogno della villa, tratte da gli antichi & da moderni scrittori, *&c.* *pp.* [*viii,*] *187 : text illust.* 4⁰. *Venetia*, 1560.

TATTON (John) Castletons Fahrt nach Priaman, *&c.* (1612.) *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

TAUBE (Johann) [1727-1799] Beiträge zur Naturkunde des Herzogthums Zelle. Erster Band. (—Lüneburg. Zweites Stück.) 2 Pt. *pp. 264.* 8⁰. *Zelle*, 1766, 69.

TAUBENBUCH. Nüzliches und vollständiges Taubenbuch, oder genauer Unterricht, von der Tauben Natur, Eigenschaften, *&c.* *pp.* [*viii,*] *300* [*18*] *: 2 pls. col.* 8⁰. *Ulm*, 1790.

TAUBER (Andreas) Mineralogische Beschreibung des Plauischen Grundes bis Tharand. *See* Becker (W. G.) Der Plauische Grund bei Dresden, *&c.* Thl. ii, no. 1. fol. 1799.

TAUBER (P.) [1832-] [Mammalia of Denmark.] *See* Schiødte (J. C.) Zoologia Danica, *&c.* 4⁰. 1878-92.

TAUBERT (Paul Hermann Wilhelm) [1862-1897] Leguminosæ and Violaceæ. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. iii, abth. 3 & 6. 8⁰. 1891-95.

Taubert (P. H. W.) Die Hülsenfruchte (—Die Gummi liefernden Pflanzen) Ostafrikas und ihre Verwerthung. [Also descriptions of many families of East African Plants.] *See* Deutsch-Ost-Afrika, *&c.* Bd. v, thl. b, no. 4, 13 (& thl. c). 8⁰. 1895.

TAUCHNITZ (Karl Christian) [1798-1884] A new Pocket-Dictionary of the English and Swedish languages (Nytt Engelskt och Svenskt Handlexikon). K. Tauchnitz's stereotype-edition. New impression. *pp. 774.* 8⁰. *Leipzig*, 1875.
Printed in double column.

—— [Another issue.] 8⁰. *Leipzig*, 1880.

TAUNTON.—*Taunton Museum.*
Catalogue, with preface, of a Collection of Minerals in the Taunton Museum from the Brendon Hills, *&c.* *See* Perceval (S. G.) 8⁰. [1909.]

TAUNTON.—Somersetshire Archæological and Natural History Society.
See Somersetshire Archæological and Natural History Society.

TAUPENOT (J. M.) Études Géologiques sur les terrains en général et spécialement sur le terrain d'eau douce des environs de Montpellier. *pp. 132 : 1 map geol. col.* 8⁰. *Dijon*, 1851.
Thesis.

TAURIDA, *Province of.* Description physique de la contrée de la Tauride, relativement aux trois règnes de la Nature [by C. L. Hablizl] . . . Traduite du Russe, et enrichie de notes [by Prince D. A. Gholitzuin]. *pp. viii, 298.* 8⁰. *La Haye*, 1788.
The Russian original was published in 1785 by the Imperial Academy of Sciences, St. Petersburg.

TAURUS. [*Maps.*] Geognostische Karte des Taurus und seiner Nebenzweige in den Paschaliken Adana und Marasch, nebst dem angrenzenden Theile des Paschalikes von Aleppo. Nach den Bestimmungen . . . J. Russegger, *&c.* [Scale 1 in. = 11½ m. about.] s.sh. *col. Stuttgart*, 1842.

TAUSCH (Ignaz Friedrich) [1793-1848] Hortus Canalius, seu Plantarum rariorum, quæ in horto botanico . . . J. M. Comitis de Canal coluntur, icones et descriptiones. Tom. i, dec. 1 & 2.† [*pp. 48 : 20 pls. (col.)*] fol. *Pragæ*, 1823.

Tausch (I. F.) Catalog der Flora Böhmens nach . . . F. I. Tausch's Herbarium Floræ Bohemicæ, *&c.* *See* Ott (J.) 4⁰. (1851.)

Tausch (I. F.) Fundorte der Flora Böhmens nach . . . F. I. Tausch's Herbarium Floræ Bohemicæ, alphabetisch geordnet, *&c.* *See* Ott (J.) 4⁰. 1851.

TAUSCH VON GLOECKELSTHURN (Leopold) [1858-1899] Ueber die Fauna der nicht-marinen Ablagerungen der oberen Kreide des Csingerthales bei Ajka im Bakony (Veszprimer Comitat, Ungarn) und über einige Conchylien der Gosaumergel von Aigen bei Salzburg. *pp. 32 : 3 pls. See* Austria-Hungary.—Kaiserlich-koenigliche geologische Reichsanstalt. Abhandlungen, *&c.* Bd. xii, no. 1. 4⁰. 1886.

Tausch von Gloeckelsthurn (L.) Zur Kenntniss der Fauna der "Grauen Kalke" der Süd-Alpen. *pp. 42 : 9 pls., text illust. See* Austria-Hungary.—Kaiserlich-koenigliche geologische Reichsanstalt. Abhandlungen, *&c.* Bd. xv, hft. 2. 4⁰. 1890

Tausch von Gloeckelsthurn (L.) Ueber die Bivalvengattung *Conchodus* und *Conchodus Schwageri*, n.f., aus der obersten Trias der Nordalpen. *pp. 8 : 3 pls., text illust.* *See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. XVII. 4⁰. 1892.

TAVEL (FRANZ VON) Vergleichende Morphologie der Pilze. *pp. xi, 208 : text illust.* 8⁰. *Jena*, 1892.

TAVERNIER (JEAN BAPTISTE) [1605–1689] Reisen . . . nach den Diamantgruben.—Reisen . . . im Indostanischen. (1665–66.) *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. X & XI. 4⁰. 1752, 53.

Tavernier (J. B.) Extracts from Tavernier's voyages [containing accounts of the Diamonds and where they are found in India]. *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. VIII. 4⁰. 1811.

TAWNEY (EDWARD BERNARD) [1841–1882] Museum Notes.—Dundry Gasteropoda. *pp. 51 : 3 pls.* 8⁰. [*Bristol*,] 1873.
Proc. Bristol Nats'. Soc. Vol. I.

Tawney (E. B.) Physical Geography and Geology [of the Bristol District]: Introduction.—Coal Measure and New Red Period.—Inferior Oolite. *See* BRITISH ASSOCIATION, *&c.* Bristol and its Environs, *&c.* Sect. VII. 8⁰. 1875.

TAXIDERMY. [Taxidermy: or the art of collecting, preparing, and mounting objects of natural history. (By Mrs. Sarah Bowdich, afterwards Lee.) 12⁰. *London*, 1820.]
Wanting.

—— Fourth edition. *pp. 168 : 5 pls.* 12⁰. *London*, 1829.

—— Sixth edition, *&c.* *See* BOWDICH, afterwards LEE (S.) *Mrs.* 8⁰. 1843.

TAYLOR (ADAM) A Treatise on the Ananas or Pine Apple . . . to which are added full directions for raising Melons. *pp. vi, 62 : 2 pls. col.* 8⁰. *Devizes*, 1769.

TAYLOR (ALEXANDER SMITH) [1817–] The egg and young of the California Condor (—The Great Condor of California). 8⁰. *San Francisco*, 1859.
Hutchings' California Mag. No. 36. *pp. 537–544.*
Also published in the "San Francisco Herald," May 5th, 1859.

TAYLOR (ALFRED SWAINE) [1806–1880] The Elements of Materia Medica and Therapeutics [edited by A. S. Taylor], *&c.* *See* PEREIRA (J.) 8⁰. 1854–57.

TAYLOR (BAYARD) [1825–1878] Life and landscapes from Egypt to the negro kingdoms of the White Nile, *&c.* *pp. 522 : 5 pls., 1 map, text illust.* 8⁰. *London*, 1854.
Also published in New York under the title of "A Journey to Central Africa."

Taylor (B.) Report . . . upon the Exploration of Peel Island. *See* UNITED STATES. Narrative of the Expedition . . . to the China Seas, *&c.* Vol. II. 4⁰. 1856.

TAYLOR (ELLEN M.) [Madeira: its Scenery, and how to see it. With Letters of a year's residence and lists of the [Birds, Fishes,] Trees, Flowers, Ferns and Seaweeds. 8⁰. *London*, 1882.]
Wanting.

—— Second edition, *&c.* *pp. xvi, 265 : 1 pl., 1 plan, 1 map.* 8⁰. *London*, 1889.

TAYLOR (FRANK H.) Description of Mosquitoes collected in the Northern Territory during . . . 1911. *See* SOUTH AUSTRALIA.—*Northern Territory.* Bulletin No. 1a, Append. II. 8⁰. 1912.

TAYLOR (H. DENNIS) A System of Applied Optics, *&c.* *pp. xvi, 334 : 24 pls.* 8⁰. *London & New York*, 1906.

TAYLOR (H. J.) *Miss.* [Non-Marine Mollusca of Warwickshire, with the assistance of Miss Taylor, *&c.*] *See* WOODWARD (B. B.) 4⁰. [1904.]

TAYLOR (J.) & **Bonnard** (H.) Nouvelle Galles du Sud. [Scale 1 in. = 50 m.] *See* NEW SOUTH WALES. [*Maps.*] s.sh. 1882.

TAYLOR (JOHN) *of Manchester.*
See TAYLOR (JOHN ELLOR).

TAYLOR (JOHN ELLOR) [1837–1895] Geological Essays, and sketch of the Geology of Manchester and the neighbourhood. *pp. ix, 282 : text illust.* 8⁰. *London*, 1864.

Taylor (JOHN E.) Hardwicke's Science-Gossip . . . Edited by J. E. Taylor. 1872–93. *See* SCIENCE-GOSSIP. 4⁰. 1872–93.

Taylor (JOHN E.) A Sketch of the Geology of Suffolk. *pp. 15.* 8⁰. *Sheffield*, 1874.
Reprinted from White's "History, Gazetteer & Directory of Suffolk."

Taylor (JOHN E.) Flowers; their origin, shapes, perfumes and colours, *&c.* *pp. xxii, 347 : 8 pls. col., text illust.* 8⁰. *London*, 1878.

Taylor (JOHN E.) The sagacity and morality of Plants. A sketch of the life and conduct of the Vegetable Kingdom, *&c.* *pp. xi, 311 : 1 pl. col., text illust.* 8⁰. *London*, 1884.

Taylor (JOHN E.) Our common British Fossils, and where to find them, *&c.* *pp. xii, 331 : text illust.* 8⁰. *London*, 1885.

Taylor (JOHN E.) Our Island-Continent: a naturalist's holiday in Australia. *pp. 256 : 1 map.* 8⁰. *London, &c.*, 1886.

TAYLOR (JOHN WILLIAM) *See* JOURNAL OF CONCHOLOGY, *The* . . . conducted by J. W. Taylor. Vol. VI & VII. 8⁰. 1889–94.

Taylor (JOHN W.) A Monograph of the Land and Freshwater Mollusca of the British Isles. By J. W. Taylor . . . with the assistance of W. D. Roebuck . . . the late C. Ashford, *&c.* Vol. I→ *illust. (col.)* 8⁰. *Leeds*, 1894→

Taylor (JOHN W.) & **Nelson** (W.) *Conchologist.* Annotated List of the Land and Freshwater Mollusca known to inhabit Yorkshire. *See* YORKSHIRE NATURALISTS' UNION. The Transactions, *&c.* Series C. 8⁰. 1878→

TAYLOR (JOSEPH) Arbores mirabiles: or, a description of the most remarkable Trees, Plants, and Shrubs, in all parts of the world, *&c.* *pp.* [*ii,*] *192* [*8*] *: 6 pls.* 12⁰. *London*, 1812.

Taylor (JOSEPH) The Bible Garden, containing a brief description of all the Trees and Plants mentioned in the Holy Scriptures, *&c.* *pp. 260 : 30 pls.* 8⁰. *London*, 1836.

TAYLOR (M. LOGAN) Second Progress Report of the Campaign against Mosquitoes in Sierra Leone. *See* LIVERPOOL SCHOOL OF TROPICAL MEDICINE. Memoir V, part 2. 8⁰. 1902.

Taylor (M. L.) Report on the Sanitary conditions of Cape Coast Town, with suggestions as to improvements of same. *See* LIVERPOOL SCHOOL OF TROPICAL MEDICINE. Memoir VIII. 8⁰. 1902.

TAYLOR (NORMAN) *Botanist.* Zannichelliaceæ, Zosteraceæ, Cymodoceaceæ, Naiadaceæ, Lilæaceæ. *See* NEW YORK, *City of.—New York Botanical Garden.* North American Flora. Vol. XVII, pt. 1. 8⁰. 1909.

TAYLOR (NORMAN) *Geological Surveyor.* Stawell Gold Field . . . Scale 40 chains [= ½ m.] to 1 in. (Notes referring to the . . . map, *&c.*) *See* VICTORIA, *Australia.* —DEPARTMENT OF MINES. [*Maps.*] sh. 1878.

TAYLOR (RICHARD) *Missionary.* A Leaf from the Natural History of New Zealand; or, a vocabulary of its different productions, *&c. pp. xix, 102.* 12⁰. *Wellington, N.Z.*, 1848.

Printed in double column.

Taylor (RICHARD) *Missionary.* Te Ika a Maui, or New Zealand and its inhabitants . . . with the geology, natural history, productions, and climate of the country, *&c. pp. xiv, 490 : 11 pls., 1 map, text illust.* 8⁰. *London*, 1855.

—— Second edition. *pp. xi, 713 : 9 pls., text illust.* 8⁰. *London*, 1870.

TAYLOR (RICHARD) *Printer* [1781–1858] The Philosophical Magazine and Journal (Vol. LX–LXVIII. [*Continued as :*] The Philosophical Magazine or Annals of Chemistry, *&c.* New Series, Vol. I–XI. [*Continued as :*] The London and Edinburgh (and Dublin) Philosophical Magazine, *&c.* Third Series, Vol. I–XXXVII, & Fourth Series, Vol. I–XVI.) . . . By R. Taylor. *See* LONDON, EDINBURGH AND DUBLIN PHILOSOPHICAL MAGAZINE. 8⁰. 1822–58.

Taylor (RICHARD) *Printer.* *See* SCIENTIFIC MEMOIRS, selected from the Transactions of Foreign Academies of Science . . . Edited by R. Taylor, *&c.* 8⁰. 1837–52.

Taylor (RICHARD) *Printer.* Annals of Natural History, *&c.* Vol. I–V. [*Continued as :*] Annals and Magazine of Natural History . . . Conducted by . . . R. Taylor. Vol. VI–XX—Ser. III, vol. I, II. *See* ANNALS AND MAGAZINE OF NATURAL HISTORY. 8⁰. 1838–58.

TAYLOR (RICHARD COWLING) [1789–1851] Two reports on the Coal lands . . . of the Dauphin and Susquehanna Coal Company, and of the geological examinations . . . of the Stony Creek Coal Estate, in . . . Pennsylvania. With an appendix, *&c. pp. 74 : 2 pls., 2 maps.* 8⁰. *Philadelphia*, 1840.

Taylor (RICHARD C.) Reports on the Washington Silver Mine in Davidson County, North Carolina . . . With an Appendix, containing assays of the ores, returns of silver and gold produced, *&c. pp. 40 : 4 pls. col.* 8⁰. *Philadelphia*, 1845.

Taylor (RICHARD C.) [Statistics of Coal: including mineral bituminous substances employed in arts and manufactures; with their geographical, geological, and commercial distribution, *&c.* 8⁰. *Philadelphia*, 1848.]

Wanting.

—— Second edition . . . By S. S. Haldeman. *pp. 640 : 5 maps col., text illust.* 8⁰. *Philadelphia*, 1855.

TAYLOR (SILAS) [1624–1678] The history and antiquities of Harwich and Dovercourt, in the County of Essex . . . To which is added a large appendix containing the natural history of the sea-coast and country about Harwich . . . By S. Dale . . . Second edition. *pp. xxiv, 464 : 10 pls.* 4⁰. *London*, 1732.

The first edition appeared in 1730.

TAYLOR (THOMAS) *F.L.S.* [–1848] & **Hooker** (*Sir* W. J.) Muscologia Britannica, *&c.* *See* HOOKER (*Sir* W. J.) & TAYLOR (T.) *F.L.S.* 8⁰. 1818.

—— Second edition. 8⁰. 1827.

—— [Another edition entitled:] Bryologia Britannica . . . New (Third) edition . . . By W. Wilson. 8⁰. 1855.

TAYLOR (THOMAS) *F.R.C.S.* [1814–1892] A descriptive and illustrated Catalogue of the Calculi and other animal concretions contained in the Museum, *&c.* (—Supplement I.) *See* ROYAL COLLEGE OF SURGEONS OF ENGLAND. 4⁰. 1842–45 (—71).

TAYLOR (THOMAS) *M.D.* [1820–] Eight Edible and twelve Poisonous Mushrooms, *&c.* *See* UNITED STATES. —*Department of Agriculture.*—*Microscopy Division.* Food Products. II. 8⁰. 1891.

—— Second revised edition. 8⁰. 1893.

Taylor (THOMAS) *M.D.* [For Reports containing descriptions of Edible and Poisonous Fungi] *See* UNITED STATES.—*Department of Agriculture.*—*Microscopy Division.* Report of the Microscopist for 1891 (–1892), *&c.* 8⁰. 1892 (–93).

Taylor (THOMAS) *M.D.* Twelve Edible Mushrooms . . . with directions for their identification . . . Revised . . . with an Appendix. *See* UNITED STATES.—*Department of Agriculture.*—*Microscopy Division.* Food Products. I. 8⁰. 1893.

—— [Another edition.] 8⁰. 1894.

Taylor (THOMAS) *M.D.* Four Edible Mushrooms, *&c.* *See* UNITED STATES.—*Department of Agriculture.*—*Microscopy Division.* Food Products. III. 8⁰. 1893.

Taylor (THOMAS) *M.D.* Student's hand-book of Mushrooms of America, edible and poisonous. 5 Pt. *illust.* 8⁰. *Washington*, 1897–98.

TAYLOR (WILLIAM A.) The Agricultural possibilities of the [Panama] Canal Zone . . . II. The outlook for Agriculture, *&c.* *See* UNITED STATES.—*Department of Agriculture.* 8⁰. 1912.

Office of the Secretary: Rept. No. 95.

TCHIHATCHEF (FEDOR VON) Beitrag zur Kenntniss des körnigen Kalkes von Auerbach-Hochstädten an der Bergstrasse (Hesse-Darmstadt). *pp. 50, 1 tab. : 2 pls., 1 map col.* *See* HESSE-DARMSTADT.—*Grossherzoglich-Hessische Geologische Landesanstalt.* Abhandlungen, *&c.* Bd. I, hft. 4. 8⁰. 1888.

TCHIHATCHEFF (PIERRE DE) [*i.e.* **Chikhachev** (PETR ALEKSANDROVICH)] [1812–1890] Coup d'œil sur la Constitution Géologique des provinces méridionales du royaume de Naples. Suivi de quelques notions sur Nice et ses environs. *pp. 284 : 2 maps geol. col., text illust.* 8⁰. *Berlin*, 1842.

Tchihatcheff (P. DE) Voyage scientifique dans l'Altaï oriental et les parties adjacentes de la frontière de Chine, *&c.* *pp. xiv, 466 : 35 pls., 12 maps, text illust.* 4⁰. & fol. *Paris*, 1845.

Bericht über P. de Tchihatcheff: Voyage scientifique dans l'Altaï oriental . . . Erstattet von K. C. von Leonhard. *See* LEONHARD (C. C. VON). 8⁰. 1846.

Tchihatcheff (P. DE) Asie Mineure. Description physique . . . et archéologique de cette contrée. 4 Pt. [in 9 Vol.], with Atlases. 8⁰. & 4⁰. *Paris*, [1851–] 1856–69.

[Pt. I. Géographie physique comparée, *&c.* *Text & Atlas, 28 pls.* 1851–53.]

Wanting.

,, II. Climatologie et Zoologie. [2 Pt. in 1.] *pp. xix, 842 [1]: 4 pls.* 1856.

,, III. Botanique. 2 Vol. [in 1] *& Atlas, 44 pls.* [1860–] 1866.

The half-title reads :—" Éléments d'une Flore de l'Asie Mineure, de l'Arménie et des îles de l'Archipel Grec."
A third volume was evidently projected, but never appeared.

,, IV. Paléontologie (— Appendice). *pp. 591: & Atlas, 21 pls.* 1866, [1869].

Contains :—
Faunes du terrain de transition. Par E. de Verneuil.
Flore Carbonifère. Par Ad. Brongniart.
Faunes du terrain Secondaire. Par A. d'Archiac.
Faune Tertiaire inférieure. Par A. d'Archiac.
Faune Tertiaire moyenne. Par P. Fischer.
Flore Tertiaire moyenne. Par F. Unger.
Faune Tertiaire lacustre. Par P. Fischer.
Faune Tertiaire supérieure marine (Calcaire des Steppes). Par P. Fischer.
Faune Quaternaire (Plages soulevées). Par P. Fischer.
Organismes microscopiques. Par P. Fischer.
Tableau général des corps organisés fossiles de l'Asie Mineure. (Par A. d'Archiac.)
Récapitulation des corps organisés fossiles, *&c.*
Addenda et corrigenda.
Tables des Matières.
Appendice.
[Introduction, by P. de Tchihatcheff.]
Appendice Paléontologique. Par E. de Verneuil.
Sur la Faune Dévonienne des rives du Bosphore. Par MM. d'Archiac et de Verneuil.
[Compt. Rend. Acad. Sci. Paris. Tom. LXIV, 1867.]
Tableau des Fossiles Paléozoiques rapportés de l'Asie Mineure par P. de Tchihatcheff et par . . . Abdullah-Bey.
Énumération des Fossiles Dévoniens recueillis par . . . Abdullah-Bey dans les environs de Constantinople, et décrits par E. de Verneuil.
Table Alphabétique des Auteurs cités dans la "Géologie" et la "Paléontologie" de l'Asie Mineure.
Table Alphabétique des espèces Animales et Végétales citées dans la "Géologie" et la "Paléontologie" de l'Asie Mineure.
Table Alphabétique des substances Minérales citées dans la "Géologie" de l'Asie Mineure.
[Wanting the title-page, Preface by Tchihatcheff, and Introduction by d'Archiac to the whole volume.
Pp. 1–424 & Atlas, pls. i–xix, were issued in 1866. The Appendice, *pp. 425–495, with pls. xx & xxi*, as also the "Tables" covering the two sections Palæontology and Geology, in 1869.]

,, ,, Geologie. 3 Vol. *illust., 2 maps (1 geol. col.)* 1867, 1869.

[The maps are on the scale of 1:2,000,000. *i.e.* 1 in. = 31½ m. about. The one coloured geologically was also issued separately :—*See* ASIA MINOR. [*Maps.*]
The wrapper to Vol. I bears date 1869.]

Diagnoses Plantarum Orientalium et observationes botanicæ auctore E. Fenzl in P. de Tchihatcheff Asie Mineure, IIIᵉ Partie. *See* FENZL (E.) 8⁰. 1860.

Tchihatcheff (P. DE) [Le Bosphore et Constantinople, avec perspectives des pays limitrophes. 8⁰. *Paris*, 1864.]

Wanting.

—— Troisième édition. *pp. xii, 589 [1]: 9 pls., 2 maps, text illust.* 8⁰. *Paris*, 1877.

Tchihatcheff (P. DE) P. v. Tschihatscheff's Reisen in Kleinasien und Armenien, 1847–1863, *&c.* *pp. 68: 1 map.* *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. IV, no. 20. 4⁰. 1867.

Tchihatcheff (P. DE) La Végétation du Globe d'après sa disposition suivant les climats . . . Ouvrage traduit de l'Allemand . . . par P. de Tchihatchef . . . avec des annotations du traducteur. *See* GRISEBACH (A. H. R.) 8⁰. 1877–78.

Tchihatcheff (P. DE) Considérations Géologiques sur les Îles Océaniques. *pp. 53.* 8⁰. *Paris*, 1878.

Végétation du Globe, par A. Grisebach. Tom. II.

Tchihatcheff (P. DE) Espagne, Algérie et Tunisie, *&c.* *pp. xx, 595: 1 map.* 8⁰. *Paris*, 1880.

Tchihatcheff (P. DE) Études de Géographie et d'Histoire naturelle. *pp. 263.* 4⁰. *Florence*, 1890.

TEALL (JETHRO JUSTINIAN HARRIS) [1849–] The Potton and Wicken Phosphatic deposits, *&c.* *pp. 44.* 8⁰. *Cambridge*, 1875.

Sedgwick Prize Essay for 1873.

Teall (J. J. H.) A criticism of Dr. Croll's Molecular Theory of Glacier Motion. *pp. 12.* 8⁰. *London*, 1880.

Teall (J. J. H.) Petrographical notes on some of the Igneous Rocks of Northumberland. *See* GEOLOGISTS' ASSOCIATION. Excursion to Northumberland . . . 1886, *&c.* 8⁰. 1886.

Teall (J. J. H.) The Basic Igneous Rocks of Cornwall. *See* GEOLOGISTS' ASSOCIATION. Excursion to Cornwall . . . 1887, *&c.* 8⁰. 1887.

Teall (J. J. H.) British Petrography: with special reference to the Igneous Rocks. *pp. viii, 469: 47 pls. col., with 45 key pls.* 8⁰. *London*, 1888.

Teall (J. J. H.) Notes on microscopic slides from Rocks collected . . . in the north western district of British Guiana. *See* GUIANA, *British.* Report on the Geology . . . Part II, *&c.* Appendix II. fol. 1898.

Teall (J. J. H.) [Petrological chapters and notes.] *See* GREAT BRITAIN & IRELAND.—*Geological Survey.* [*Stratigraphical Memoirs.*] The Silurian Rocks of Britain. Vol. I. 8⁰. 1899.

Teall (J. J. H.) [For official publications in connection with the Survey, and as Director] *See* GREAT BRITAIN & IRELAND.—*Geological Survey.*

TEATINO (PAOLO CULTRERA) Fauna Biblica, ovvero spiegazione degli Animali menzionati nella sacra Scrittura. *pp. 481: 25 pls.* 4⁰. *Palermo*, 1880.

TECHET (KARL) Ueber die Marine Vegetation des Triester Golfes. *pp. 52: 1 pl., text illust.* *See* VIENNA. — KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. III, hft. 3. 8⁰. 1906.

TECHNISCHE HOCHSCHULE ZU KARLSRUHE.
See CARLSRUHE. — GROSSHERZOGLICHE TECHNISCHE HOCHSCHULE.

TECHNOLOGICAL MUSEUM, *Sydney.*
See SYDNEY.

TECHNOLOGISCHES GEWERBE MUSEUM IN WIEN. *See* VIENNA.

TECHO (NICHOLAS DEL) The history of the provinces of Paraguay, Tucuman, Rio de la Plata, Parana, Guaria and Urvaica. And something of the Kingdom of Chili, in South America. *See* CHURCHILL (A.) & (J.) A Collection of Voyages, *&c.* Vol. IV. fol. 1704.

TEDIN (HANS) Bidrag till kännedomen om primära barken hos vedartade Dikotyler, dess anatomi och dess funktioner. *pp. 99, vi: 3 pls.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXVII, no. 7. 4⁰. 1892.

Forms No. XI of the "Arbeten från Lunds Botaniska Institution."

TEERLINK (CAREL CORNELIS JACOB) De bepaling van de anorganische bestanddeelen der Planten. Akademisch proefschrift, *&c.* *pp. x, 95.* 8⁰. *Leyden*, 1858.

TEESDALE (M. J.) The Trees of Dulwich: with some general information about Trees. *pp. [vi,] 72.* 8⁰. *Leek*, 1902.

TEGENGREN (Felix Reinhold) Järnmalms- och magnesitförekomsterna inom Kvikkjokks kapellag, *&c. pp. 134 : 3 pls.(col.), 3 maps (col.), text illust. See* Sweden. —*Sveriges Geologiska Undersökning.* Årsbok 4 (1910), no. 2. [= Ser. C. Afhandlingar, *&c.* No. 230.] 8⁰. 1911.

Tegengren (F. R.) Undersökningar angående malminmutningarna i närheten af den s. k. inlandsbanan mellan Orsa och Pite älfdal. *pp. 37 : text illust. See* Sweden.—*Sveriges Geologiska Undersökning.* Årsbok 4 (1910), no. 6. [= Ser. C. Afhandlingar, *&c.* No. 234.] 8⁰. 1911.

TEGETMEIER (William Bernhard) [1816–1912] The Poultry Book : comprising the breeding and management of . . . Poultry . . . with . . . illustrations by H. Weir, *&c. pp. viii, 356 : 29 pls. col., text illust., col. title-page.* 8⁰. *London*, 1867.

Tegetmeier (W. B.) Pigeons : their structure, varieties, habits, and management . . . with . . . representations of the different varieties . . . by H. Weir, *&c. pp.* [*ii,*] *188 : 16 pls. col., text illust.* 8⁰. *London*, 1868.

Tegetmeier (W. B.) The Homing or Carrier Pigeon (Le Pigeon voyageur). Its history, general management, and method of training. *pp. 124 : 1 pl., text illust.* 8⁰. *London* [1871].

Tegetmeier (W. B.) [Pheasants : their natural history and practical management, *&c.* 4⁰. *London*, 1873.]
Wanting.

—— Second edition . . . illustrated . . . by T. W. Wood. *pp. iv, 142 : 13 pls., text illust.* 4⁰. *London*, 1881.

Tegetmeier (W. B.) Reprint of Boddaert's Table des Planches Enluminéez d'Histoire Naturelle. Edited by W. B. Tegetmeier. *See* Boddaert (P.) 8⁰. (1874.)

Tegetmeier (W. B.) Moore's Columbarium. Reprinted . . . from the original edition of 1735, with a brief notice of the author, by W. B. Tegetmeier. *See* Moore (J.) 8⁰. 1879.

Tegetmeier (W. B.) The natural history of the Cranes. A monograph . . . enlarged and reprinted . . . by W. B. Tegetmeier. *See* Blyth (E.) 4⁰. 1881.

Tegetmeier (W. B.) Bird Nesting. II. Moor Birds. *See* Crawfurd (O.) A year of Sport and Natural History, *&c.* 4⁰. 1895.

Tegetmeier (W. B.) Columbidæ, Pterocletes, Gallinæ, Fulicariæ and Alectorides. *See* Butler (A. G.) British Birds, *&c.* Vol. IV & V. 4⁰. 1897–98.

Tegetmeier (W. B.) & **Sutherland** (C. L.) Horses, Asses, Zebras, Mules, and Mule breeding. *pp. viii, 166 : 24 pls., text illust.* 8⁰. *London*, 1895.

TEICHERT (J.) Flora von Freienwalde an der Oder. *pp.* [*iv,*] *356.* 8⁰. *Freienwalde*, 1870.

TEICHERT (Oscar) Geschichte der Ziergärten und der Ziergärtnerei in Deutschland während der Herrschaft des regelmässigen Gartenstyls. *pp. viii, 234.* 8⁰. *Berlin*, 1865.

TEICHMANN (F.) Der Mineralog. Darstellung des Gesammtgebietes der Mineralogie . . . Vierte Auflage. *pp. viii, 106 : 1 pl. col., text illust.* 8⁰. *Halle* [1886].
Originally issued in 1857 under the title "Die Welt der Steine," *&c.*, forming Bdchn. III of "Der Schüler der Natur," *&c.* In the second edition, 1876, and the third, 1880, the title was changed to "Der junge Mineralog," *&c.*

TEICHMEYER (Hermannus Fridericus) [1685–1746] Dissertatio inauguralis medica de Cubebis . . . exhibita ab H. F. Teichmeyer, *&c. See* Wedelius (G. W.) 4⁰. [1705.]

Teichmeyer (H. F.) Medicæ facultatis decani H. F. Teichmeyeri . . . programma invitatorium secundum de Caapeba sive Parreira brava, *&c. pp. viii.* 4⁰. [*Jena*, 1730.]

Teichmeyer (H. F.) H. F. Teichmeyeri . . . Institutiones Botanicæ, seu brevis in rem herbariam introductio, *&c. pp.* [*xii,*] *79* [*4*]. 8⁰. *Jenæ*, 1737.

—— [Another edition.] *pp.* [*vi,*] *79* [*4*]. 8⁰. *Francofurti & Lipsiæ*, 1764.

TEIGN NATURALISTS' FIELD CLUB.
[Founded 1858.]
Report of the Proceedings, *&c.* 1868–71, 1873, 1875, 1877–82, 1884–86. 8⁰. *Exeter*, 1870–87.
Wanting those for 1858–67, 1872, 1874, 1876 & 1883.

TEIJSMANN (Johannes Elias) [1809–*c.*1882] & **Binnendijk** (S.) Catalogus Plantarum quæ in Horto Botanico Bogoriensi coluntur [compiled by J. E. Teijsmann and S. Binnendijk], *&c. See* Buitenzorg. 8⁰. 1866.

TEIKOKU CHISHITSU-CHŌ-SAJO. [*Imperial Geological Survey.*] *See* Japan.

TEIKOKU DAIGAKU. [*Imperial University.*] *See* Tokio.

TEIKOKU HAKUBUTSUKWAN. [*Imperial Museum.*] *See* Tokio.

TEILMANN (Andreas Charles de) [1786–1852] Forsøg til en Beskrivelse af Danmarks og Islands Fugle eller Haandbog i det Danske Veideværk . . . Første Afdeeling. *pp. x, 216.* 8⁰. *Ribe*, 1823.

TEISSEYRE (Karol Wawrzyniec) [1860–] Atlas Geologiczny Galicyi. Zeszyt VIII. *s. sh. col. & text. See* Galicia, *Austria.* s.sh. & 8⁰. 1900.

TEIXEIRA (Pedro) The Travels of P. Teixeira; with his "Kings of Harmuz," and extracts from his "Kings of Persia." Translated and annotated by W. F. Sinclair . . . with further Notes and an Introduction by D. Ferguson. *See* Hakluyt Society. Works, *&c.* Ser. II, no. 9. 8⁰. 1902.

TEJADA (Baldomero López Cañizares y Díez de) *See* López Cañizares y Díez de Tejada.

TELEKI (Samuel) *Count.* Ostäquatorial-Afrika zwischen Pangani und dem neuentdeckten Rudolf-See. Ergebnisse der Graf S. Telekischen Expedition, 1887–88. *pp.* [*iv,*] *44 : 3 maps, 2 text illust. See* Petermanns Mittheilungen, *&c.* Ergänzbd. *&c.* No. 99. 4⁰. 1890.

Teleki (S.) *Count.* Zum Rudolph-See und Stephanie-See. Die Forschungsreise des Grafen S. Teleki in Ost-Aequatorial-Afrika, 1887–88, *&c. See* Hoehnel (L. von). 8⁰. 1892.

TELFER (John Buchan) The Crimea and Transcaucasia, being the narrative of a journey in the Kouban, in Gouria, Georgia, Armenia, Ossety, Imeritia, Swanety, and Mingrelia, and in the Tauric Range. 2 Vol. *illust.* 8⁰. *London*, 1876.

Telfer (J. B.) The bondage and travels of J. Schiltberger . . . in Europe, Asia, and Africa, 1392–1427. Translated . . . by . . . J. B. Telfer . . . with . . . a preface, introduction and notes, *&c. See* Hakluyt Society. Works, *&c.* No. 58. 8⁰. 1879.

TELLER (Friedrich Joseph) [1852–1913] Arktische Triasfaunen. Beiträge zur palaeontologischen Charakteristik der Arktisch - Pacifischen Triasprovinz, unter Mitwirkung der . . . F. Teller, von E. Mojsisovics von Mojsvár. *pp. iii, 159 : 20 pls. See* St. Petersburg. — Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxiii, no. 6. 4⁰. 1886.

Teller (F. J.) Ueber den Schädel eines fossilen Dipnoërs, *Ceratodus Sturii*, nov. spec., aus den Schichten der oberen Trias der Nordalpen. *pp. 38 : 4 pls. See* Austria - Hungary. — Kaiserlich - koenigliche geologische reichsanstalt. Abhandlungen, *&c.* Bd. xv, hft. 3. 4⁰. 1891.

TELLINI (Achille) *See* Rassegna delle Scienze Geologiche in Italia (Redattori . . . A. Tellini). Vol. i→ 8⁰. (1891–) 1892→

TEMMINCK (Coenraad Jacob) [1770–1858] Catalogue systématique du Cabinet d'Ornithologie et de la collection de Quadrumanes de C. J. Temminck. Avec une courte description des Oiseaux non-décrits, suivi : d'une nôte d'oiseaux doubles, *&c.* *pp. viii [ii,] 270, 34.* 8⁰. *Amsterdam*, 1807.

Temminck (C. J.) Les Pigeons, par Madame Knip, née P. de Courcelles . . . Le texte par C. J. Themminck. fol. *Paris*, [1808–] 1811.

Discours. *pp. 14.*
Columbars. *pp. 23–41 : 11 pls. col.*
Columbes. *pp. 128 : 60 pls. col.*
Columbi-Gallines. *pp. 30 : 16 pls. col.*
Table. *pp. iii.*
The plates are without legends, and may be proofs before letters.

—— [Another copy.]
In this copy the plates bear legends.

—— Tom. i. Deuxième édition. fol. *Paris* [1838–43].
This is a re-issue of the preceding, with a new title-page.

—— Le texte, par F. Prévost, *&c.* Tom. ii. *pp. 114 [2] : 60 pls. col.* fol. *Paris* [1838–43].
Pp. 67 & 68 are in duplicate, whilst numbers 91 & 92 are omitted from the pagination.

Iconographie des Pigeons non figurés . . . dans les deux volumes de MM. Temminck et F. Prévost. *See* Bonaparte (C. L. J. L.) *Prince of Canino.* fol. 1857.

Temminck (C. J.) Histoire naturelle générale des Pigeons et des Gallinacés, *&c.* 3 Tom. *illust.* 8⁰. *Amsterdam & Paris*, 1813–15.

Temminck (C. J.) Manuel d'Ornithologie, ou tableau systématique des Oiseaux qui se trouvent en Europe. *pp. xxxviii, 618.* 8⁰. *Amsterdam & Paris*, 1815.

—— Seconde édition, *&c.* 4 Pt. [= 2 Vol. in 4.] 8⁰. *Paris (& Amsterdam)*, 1820–40.

Temminck (C. J.) Handboek tot de kennis der Europesche Vogelen . . . Uit het Fransch vertaald. Eerste deel. Behelzende de Roofvogels en de Alvreters. *pp. vi, clvi, 182 [13].* 8⁰. *Amsterdam*, 1824.

Temminck (C. J.) [Abbildungen der Vögel Europas . . . Text nach Temmink's Manuel d'Ornithologie . . . bearbeitet, *&c.*] *See* Susemihl (J. C.) & (E. E.) 4⁰. [1839–51.]

Temminck (C. J.) C. J. Temminck, observations sur la classification méthodique des Oiseaux, et remarques sur l'analyse d'une nouvelle Ornithologie élémentaire, par L. P. Vieillot. *pp. 60.* 8⁰. *Amsterdam & Paris*, 1817.

Temminck (C. J.) Monographies de Mammalogie, ou description de quelques genres de Mammifères, dont les espèces ont été observées dans les différens Musées de l'Europe, *&c.* 2 Tom. *illust.* 4⁰. *Paris & Amsterdam*, [1824–] 1827–41.
Published in 12 parts as follows :—Vol. i, livr. 1–4, *pp. 1–156*, in 1824; livr. 5, *pp. 157–204* [1825]; livr. 6, *pp. 205–244*, 1826; livr. 7, *pp. 245–268*, 1827; Vol. ii, livr. 1, *pp. 1–48*, 1835; livr. 2, *pp. 49–140*, 1837; livr. 3, *pp. 141–272*, 1840; livr. 4 & 5, *pp. 273–392*, 1841. (C. D. Sherborn : Index Anim. MS.)

Temminck (C. J.) Atlas des Oiseaux d'Europe d'après C. J. Temminck. 3 Vol. *illust. col.* *See* Werner (J. C.) 8⁰. [1826–] (1828–) 1842.
The figures appear to have been largely copied from Anslijn's "Afbeeldingen van Nederlandsche Dieren" [*q.v.*]

—— [Another issue entitled :] Les Oiseaux d'Europe décrits par C. J. Temminck . . . Atlas de 530 Planches dessinées par J. C. Werner. 2 Tom. *See* Werner (J. C.) 8⁰. 1848.

Temminck (C. J.) Fauna Japonica . . . notis, observationibus et adumbrationibus illustravit P. F. de Siebold. Conjunctis studiis . . . C. J. Temminck . . . pro Vertebratis . . . elaborata. 5 Vol. *See* Siebold (P. F. von). fol. 1833–50.

Temminck (C. J.) Aperçu général et spécifique sur les Mammifères qui habitent le Japon et les îles qui en dépendent, par C. J. Temminck. *pp. 59 : 20 pls. See* Siebold (P. F. von). Fauna Japonica, *&c.* fol. 1833 [–51].

Temminck (C. J.) Verhandeling over de Natuurlijke Geschiedenis der Nederlandsche overzeesche bezittingen, door de Leden der Natuurkundige Commissie in Indië . . . Uitgegeven . . . door C. J. Temminck. *See* Holland. —Natuurkundige commissie in oost-indië. fol. 1839–44 (–45).

Temminck (C. J.) Coup-d'œil général sur les possessions Néerlandaises dans l'Inde Archipélagique. 3 Tom. 8⁰. *Leide*, 1846–49.

Temminck (C. J.) Esquisses zoologiques sur la côte de Guiné . . . 1ᵉ Partie, les Mammifères. *pp. xvi, 256.* 8⁰. *Leiden*, 1853.

Temminck (C. J.) Zoologische schetsen van eenige soorten van hoenderachtige Vogelen (*Francolinus ahantensis & F. peli*). *See* Amsterdam.— koninklijk zoologisch genootschap "natura artis magistra." Bijdragen tot de Dierkunde. Aflev. 6. 4⁰. 1854.

Temminck (C. J.) & **Laugier de Chartrouse** (M.) *Baron.* Nouveau recueil de planches coloriées d'Oiseaux, pour servir de suite et de complément aux planches enluminées de Buffon, édition . . . 1770; publié . . . d'après les dessins de MM. Huet et Prêtre. 5 Vol. *illust. col.* fol. *Paris, &c.* 1838 [1820–39].
For the dates of publication of the several parts, which in this copy are arranged in systematic order, *See* Note by C. D. Sherborn in "Ibis," 1898, p. 485.

Iconographie Ornithologique . . . pour servir de suite . . . aux Planches coloriées de MM. Temminck et Laugier de Chartrouse, *&c.* *See* Des Murs (M. A. P. Œ.) fol. 1849.

TEMPÈRE (Joannes A.) *See* Diatomiste, *Le.* Journal spécial s'occupant exclusivement des Diatomées . . . par J. Tempère. Vol. i & ii.† 8⁰. 1890–96.

Tempère (J. A.) *See* Micrographe préparateur, *Le*: Journal . . . publié sous la direction de M. J. Tempère, *&c.* Vol. i–xiv.† 8⁰. 1893–1906.

Tempère (J. A.) & **Brun** (J.) Diatomées fossiles du Japon. Espèces marines et nouvelles des calcaires argileux de Sendaï & de Yedo. *pp. 75 : 9 pls. See* GENEVA. — SOCIÉTÉ DE PHYSIQUE ET D'HISTOIRE NATURELLE. Mémoires, *&c.* Tom. XXX, no. 9. 4⁰. 1889.

Tempère (J. A.) & **Pergallo** (H.) Texte et Tables de la Collection des Diatomées du Monde entier. *pp. 204, 62.* 8⁰. *Paris*, 1889–95.

TEMPEST (PIERCE) [1653–1717] Illustrissimo . . . R . . . Maitland . . . has Avium tabulas . . . F. Barlow manu . . . delineatas . . . d. d. d. . . . P. Tempest. *See* BARLOW (F.) obl. fol. [1685 ?]

TEMPLE ( ) *Captain.* Seal Fisheries. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1883.

TEMPLE (EDMOND) Travels in various parts of Peru, including a year's residence in Potosi. 2 Vol. *illust.* 8⁰. *London*, 1830.

TEMPLE (GEORGE THEODORE) Pleasure cruises to the Land of the Midnight Sun . . . 1892. *pp. 65 : 1 pl., 2 maps, text illust.* 8⁰. *London*, 1892.

Contains :—
The Midnight Sun. By J. N. Lockyer.
An outline of the Geology of Norway. By G. A. J. Cole.

TEMPLE (*Rt. Hon. Sir* RICHARD) *Bart., G.C.S.I.* [1826–1902] Stanford's Compendium of Geography and Travel . . . Asia . . . edited by Sir R. Temple, Bart. *See* STANFORD (E.) 8⁰. 1882.

TEMPLE (*Sir* RICHARD CARNAC) *Bart.* [1850–] A geographical account of countries round the Bay of Bengal, 1669 to 1679. By T. Bowrey. Edited by Lt.-Col. Sir R. C. Temple, Bart. *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. 12. 8⁰. 1905.

Temple (*Sir* RICHARD C.) *Bart.* The Travels of Peter Mundy, in Europe and Asia, 1608–1667 . . . Edited by Lt.-Col. Sir R. C. Temple, Bart., *&c.* Vol. I. *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. 17. 8⁰. 1907.

TENBY. On the Tenby Bone-Caves ; and the question of the antiquity of the Human Race, as inferred from certain Flint Implements found in them . . . By a Pembrokeshire Rector [*i.e.* G. N. Smith]. *pp. 16.* 8⁰. *London & Tenby* [1860].

TENCH (WATKIN) [1759 ?–1833] A narrative of the expedition to Botany Bay ; with an account of New South Wales, its productions, *&c.* *pp. xi, 146.* 8⁰. *London*, 1789.

TENGBORG (JONAS C.) Hortus Culinaris, quem . . . proponit . . . J. C. Tengborg, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1764.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VII, no. 126. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

—— [Another edition.] *See* LINNÆUS (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. II. 8⁰. 1786.

TENGMALM (PETRUS GUSTAVUS) [1754–1803] Pan Suecus emendatus et auctus auctore P. G. Tengmalm. *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. X, no. 10. 8⁰. 1790.

The original, of which this is a Latin translation, appeared in the "Hushållnings-Journal" for 1779 & 1780.

TENGSTRÖM (FREDERICUS) Floræ Fennicæ breviarium . . . respondens F. Tengström. *See* PRYTZ (L. J.) 4⁰. 1819.

TENGSTRÖM (JOHAN MÅRTIN JAKOB AF) [1821–1890] Catalogus Lepidopterorum faunæ Fennicæ præcursorius. *pp. 80 : 1 map col.* 8⁰. *Helsingforsiæ*, 1869.

Notiser Sällsk. Fauna et Flora Fennica Förhandl. Ny Ser., Hft. VII.

TENGSTRÖM (JOHANNES MAGNUS A) [1795–1856] Spicilegium Plantarum Fennicarum . . . præside J. M. a Tengström, *&c.* Cent. II. *See* NYLANDER (F.) 8⁰. 1844.

Tengström (JOHANNES MAGNUS A) Stirpes Cotyledoneæ parœciæ Pojo . . . præside J. M. a Tengström . . . proponit A. A. Nylander, *&c.* *pp. 22.* 4⁰. *Helsingforsiæ*, 1844.

Tengström (JOHANNES MAGNUS A) In distributionem Vegetationis per Ostrobothniam collectanea . . . præside J. M. a Tengström . . . proponit F. Hellström, *&c.* *pp. 24.* 4⁰. *Helsingforsiæ*, 1846.

Tengström (JOHANNES MAGNUS A) Ad cognitionem specierum Fennicarum generis *Mycetopori* symbolæ . . . præside J. M. a Tengström, *&c.* *See* MÄKLIN (F. W.) 8⁰. [1847.]

Tengström (JOHANNES MAGNUS A) & **Petersen** (F. J.) Dissertatio academica de Fructus in Phanerophytis evolutione, *&c.* *pp. 20.* 4⁰. *Helsingforsiæ*, 1841.

TENISON-WOODS (JULIAN EDMUND) *See* WOODS.

TENNANT (JAMES) [1808–1881] A stratigraphical List of British Fossils . . . with . . . remarks on their character and localities. *pp. xvi, 132.* 12⁰. *London*, 1847.

Tennant (J.) Narrative of an Expedition to the shores of the Arctic Sea in 1846 and 1847. (Specimens of Rocks described by J. Tennant.) *See* RAE (J.) 8⁰. 1850.

Tennant (J.) Catalogue of Fossils, found in the British Isles, forming the private collection of J. Tennant. [By S. P. Woodward.] (Syllabus, *&c.*—Mr. Tennant's Bibliographic List. [By T. Rupert Jones.]) *pp.* [*ii*,] *76* ([*4*,] *23*). 12⁰. *London*, 1858.

Tennant (J.) & **Mitchell** (W.) Mineralogy and Crystallography : being a classification of Crystals, according to their form ; and an arrangement of Minerals, after their chemical composition. 8⁰. *London* (1856).

Orr's Circle of the Sciences, *&c.* Vol. IV : Geology, *&c.* pp. 289–556, 571–587 ; with the addition of a title-page and preface.

TENNE (CONRAD FRIEDRICH AUGUST) [1853–1901] Krystallographische Untersuchung einiger organischer Verbindungen . . . Inaugural-Dissertation, *&c.* *pp. 28 : 1 pl.* 8⁰. *Göttingen*, 1878.

Tenne (C. F. A.) Die Gesteine des Kilimandscharo-Gebietes. *See* MEYER (H. H. J.) Ostafrikanische Gletscherfahrten, *&c.* Anhang No. 2. 8⁰. 1890.

Tenne (C. F. A.) Ueber die vom Grafen v. Götzen gesammelten Gesteine. *See* GOETZEN (G. A. VON) *Count.* Durch Afrika von Ost nach West, *&c.* Anhang. 8⁰. 1895.

Tenne (C. F. A.) & **Calderón y Arana** (S.) Die Mineralfundstätten der Iberischen Halbinsel [with an Obituary notice of C. F. A. Tenne]. *pp. xii, 348, iii.* 8⁰. *Berlin*, 1902.

TENNENT (*Sir* JAMES EMERSON) formerly **Emerson** (JAMES) [1804–1869] Ceylon : an account of the Island . . . with notices of its Natural History . . . and productions . . . Second edition. 2 Vol. *illust.* 8⁰. *London*, 1859.

The first edition appeared earlier in the same year.

Tennent (*Sir* J. E.) Sketches of the natural history of Ceylon, with narratives and anecdotes . . . including a monograph of the Elephant, *&c. pp. xxiii, 500 : 11 pls., text illust.* 8⁰. *London*, 1861.

Tennent (*Sir* J. E.) The Wild Elephant and the method of capturing and taming it in Ceylon. *pp. xix, 198 : 3 pls., text illust.* 8⁰. *London*, 1867.

TENNESSEE, *State of.*—BUREAU OF AGRICULTURE. Introduction to the resources of Tennessee. By J. B. Killebrew . . . assisted by J. M. Safford, *&c. pp. viii, 1193, xi : 5 maps (col.), 1 plan, text illust.* 8⁰. *Nashville, Tenn.*, 1874.

Forming the 1st and 2nd Reports of the Bureau of Agriculture.

TENNESSEE, *State of.*—GEOLOGICAL SURVEY. [Organized 1910.]

Bulletin No. 1→ 8⁰. *Nashville, Tenn.*, 1910→

For the State Geologist's first Administrative Report of the Survey, 1910, *See* Bulletin No. 4 (1911).

Tennessee, *State of.*—GEOLOGICAL SURVEY. The Resources of Tennessee, published monthly by the . . . Survey. Vol. I, no. 2. 8⁰. *Nashville* [*Tenn.*], 1911.

Title from wrapper.

Tennessee, *State of.*—GEOLOGICAL SURVEY. Administrative Report of State Geological Survey (from May 1 to December 19), 1910. By G. H. Ashley, State Geologist. *pp. 59 : 2 pls., text illust. See* supra, Bulletin No. 4. 8⁰. 1911.

Tennessee, *State of.*—GEOLOGICAL SURVEY. Third Geological Report . . . By G. Troost. *pp. 32 : 1 map col.* 8⁰. *Nashville* [*Tenn.*], 1835.

Tennessee, *State of.*—GEOLOGICAL SURVEY. A Geological Reconnoissance of the State . . . being the . . . first biennial report . . . 1855. By J. M. Safford. *pp. 164 : 1 map.* 8⁰. *Nashville, Tenn.*, 1856.

Tennessee, *State of.*—GEOLOGICAL SURVEY. Geology of Tennessee, by J. M. Safford. *pp. xi, 550 : 8 pls., 1 map col., text illust.* 8⁰. *Nashville* [*Tenn.*], 1869.

TENNEY (SANBORN) [1827–1877] Note on some points in the Geology of Stoddard and Marlow, Cheshire County, N.H. *See* NEW HAMPSHIRE, *State of.—Geological Survey.* The Geology of New Hampshire, *&c.* Pt. III, Appendix E. 8⁰. 1878.

TENNY (L. S.) & **Hedges** (F.) A Knot of Citrus trees caused by *Sphæropsis tumefasciens. pp. 74 : 10 pls. (back to back), text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 247. 8⁰. 1912.

TENORE (GAETANO) [1826–1903] Consolidamento delle Rocce franabili e processi grafici geologici dei progetti stradali. *pp. 12. See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. IV, vol. III, no. 2. 4⁰. 1890.

Tenore (G.) L'Industria Carbonifera in Italia ed il suo avvenire nel Napoletano. *pp. 22. See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. IV, vol. VI, no. 1. 4⁰. 1893.

TENORE (MICHELE) [1780–1861] Catalogo delle Piante che si coltivano nel Botanico Giardino della Villa del Signor Principe di Bisignano alla Barra. *pp. 30.* 4⁰. (*Napoli,*) 1805.

—— Another edition. *pp. viii, 52.* fol. *Napoli*, 1809.

Tenore (M.) Corso delle Botaniche Lezioni. 4 Vol. 8⁰. *Napoli*, 1806, *&c.*

The three sections of this work passed through several editions :—

Vol. I & II. [Trattato di Fitognosia, *&c.* 1806.]
Wanting.
—— Quarta edizione. *pp. 381.* 1842.
" III. [Trattato di Fito-Fisiologia, *&c.* 1806.]
Wanting.
—— Seconda edizione. *pp. 356.* 1821.
" IV. Flora Medica universale e Flora particolare della provincia di Napoli. *pp. 620, 278, 42.* 1823.

Tenore (M.) Flora Napolitana, ossia descrizione delle Piante indigene del regno di Napoli, e delle più rare specie di Piante esotiche coltivate ne' giardini, *&c.* 5 Vol. & Atlas, *250 pls. col.* fol. *Napoli*, 1811–38.

—— Appendix quarta. Accedunt, de Plantis quibusdam in Horto Regio cultus, observationes nonnullæ. 8⁰. (*Neapoli*, 1823.)

—— Appendix quinta, *&c. pp. 34.* 4⁰. *Neapoli*, 1826.

Tenore (M.) Catalogus Plantarum Horti Regii Neapolitani ad annum 1813. *pp. viii, 122.* 4⁰. (*Neapoli*, 1813.)

Tenore (M.) Catalogo della Collezione Agraria del Real Giardino delle Piante. *pp. 96 (xviii).* 8⁰. *Napoli*, 1815.

Estratto della Corrispondenza del R. Giardino delle Piante.

Tenore (M.) Osservazioni botanico-agrarie intorno la Collezione de' Cereali del Real Orto Botanico di Napoli. *pp. 32.* 8⁰. *Napoli*, 1817.

Tenore (M.) Discorso pronunziato in occasione dell' apertura della nuova Sala destinata per le pubbliche lezioni, nel Real Orto Botanico di Napoli, *&c. pp. 32.* 8⁰. *Napoli*, 1818.

Tenore (M.) Memoria sulle specie e varietà di Crochi della Flora Napolitana. *pp. 18 : 4 pls.* 4⁰. *Napoli*, 1826.

Tenore (M.) Osservazioni sulla Flora Virgiliana. *pp. 18.* 8⁰. *Napoli*, 1826.

Tenore (M.) Cenno sulla Geografia fisica e botanica del regno di Napoli. *pp. 121 : 2 maps.* 8⁰. *Napoli*, 1827.

Tenore (M.) Essai sur la Géographie physique et botanique du royaume de Naples. *pp. 130 : 2 maps.* 8⁰. *Naples*, 1827.

Tenore (M.) Viaggio per diverse parti d'Italia, Svizzera, Francia, Inghilterra e Germania [by M. Tenore], *&c. See* ITALY. 8⁰. 1828.

Tenore (M.) Sylloge Plantarum Vascularium Floræ Neapolitanæ hucusque detectarum. *pp. vi, 639.* 8⁰. *Neapoli*, 1831.

Tenore (M.) Succinta relazione del viaggio fatto in Abruzzo ed in alcune parti dello Stato Pontificio. 4⁰. *Napoli*, 1832.

Atti Accademia Pontaniana. Vol. I, *pp. 147–236.*

Tenore (M.) Relazione del viaggio fatto in alcune luoghi di Abruzzo citeriore nella state del 1831. *pp. 132.* 8⁰. *Napoli*, 1832.

Tenore (M.) Memoria sopra diverse specie del genere *Musa, &c. pp. 35 : 3 pls.* 4⁰. [*Naples*, 1832.]

Atti Accademia Pontaniana. Vol. II.

Tenore (M.) Memoria sulle diverse specie e varietà di Cotone coltivate nel regno di Napoli, colle instruzioni pel coltivamento del Cotone Siamese e le notizie sulle altre specie di cui puossi provare l'introduzione. *pp. 34 : 2 pls.* 4⁰. *Napoli*, 1839.

Atti R. Istit. Incorr. Napoli. Vol. VI, 1840.

Tenore (M.) Catalogo delle Piante che si coltivano nel R. Orto Botanico di Napoli, *&c.* *See* NAPLES.—*Real Orto Botanico.* 4⁰. 1845.

Tenore (M.) Della *Polia*, nuovo genere nella famiglia delle Iridee, *&c.* *See* NAPLES.—ACCADEMIA PONTANIANA. Agli Scienziati d'Italia del VII. Congresso, *&c.* 4⁰. 1845.

Tenore (M.) & **others.** Viaggio in alcuni luoghi della Basilicata e della Calabria citeriore effettuito nel 1826. [The preface is signed by L. Petagna, G. Terrone, and M. Tenore.] *pp. v, 150.* 8⁰. *Napoli*, 1827.

TENORE (VINCENZO) [1825–1886] & **Pasquale** (G. A.) Compendio di Botanica ordinato specialmente alla conoscenza delle Piante Medicinali più comuni. *pp. 432.* 8⁰. *Napoli*, 1847.

—— Terza edizione, *&c.* *pp.* [*vi*,] *600.* 8⁰. *Napoli*, 1870.

TENOW (S. W.) Bidrag till kännedomen om tandömsningen hos slägtet *Phoca*, L., *&c.* *pp. 20 : 1 pl.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. III, no. 9. 8⁰. 1875.

TEOFRASTO. *See* THEOPHRASTUS.

TEPLITZ. [*Maps.*] Gegend von Teplitz. [Geological map.] Maasstab 1 : 288,000 [*i.e.* 1 in. = 4½ m. about]. *See* BOHEMIA. [*Maps.*] Geologische Karte des Königreiches Böhmen, *&c.* 1858.

TEPLOUCHOFF and
TEPLOUCHOW. *See* TEPLOUKHOV.

TEPLOUKHOV (S. A.) Materialui po Ornitofaunye Permskoĭ ghuberniĭ, *&c.*—Materialien zur Ornithofauna des Permschen Gouvernement. *pp. 45.* RUSS. *See* KAZAN. —OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui, *&c.* Prīlozheniya No. 266. 8⁰. 1911.

Teploukhov (S. A.) Predvarītel'nuiĭ, kratkiĭ otchet o komandīrovkye s Ornītologhīcheskoĭ Tzyel'yu lyetom 1911 ghoda, v dolīnu ryekī Obvui, Permskoĭ ghuberniī. [Brief preliminary report on the dispatching of Ornithological Specimens in the summer of 1911, in the valley of the river Obva, Perm government.] *pp. 4.* RUSS. *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui, *&c.* Prīlozheniya No. 279. 8⁰. 1912.

TEPLOUKHOV (THEODOR ALEKSANDROVĪCH) Bemerkungen über Klima und Vegetation im Altai. *See* COTTA (B. VON) Der Altai, *&c.* 8⁰. 1871.

TEPPER (J. GOTTLIEB OTTO) Common Native Insects of South Australia. A Popular Guide to South Australian Entomology. 2 Pt. 8⁰. *Adelaide*, 1887, 90.
Pt. I. Coleoptera, or Beetles. *pp. 4, 46.* 1887.
,, II. Lepidoptera, or Butterflies and Moths. *pp. iv, 65.* 1890.
Printed in double column.

Tepper (J. G. O.) [Orthoptera of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. II. 4⁰. 1896.

Tepper (J. G. O.) List of named Insects in the South Australian Museum, Adelaide. Ser. 1—5. *See* ADELAIDE. — *Public Library, Museum and Art Gallery.* Report of the Board of Governors, *&c.* 1887-8—91-2. 4⁰. 1888-92.

—— [Another issue: reset in smaller 4⁰.] *pp. 11, 27 & 73-80* 4⁰. [*Adelaide*, 1888-92.]
Wanting the third and fourth Series.

TERENTIUS (JOANNES) [1580–1630] Rerum medicarum Novæ Hispaniæ thesaurus . . . a J. Terrentio . . . notis illustrata. (Aliarum Novæ Hispaniæ Plantarum . . . J. Terrentii . . . notatione.) *See* HERNANDEZ (F.) fol. 1651.

TERFVE (OSCAR) Recherches sur la spermatogénèse chez *Asellus aquaticus. pp. 27 : 3 pls.* 8⁰. *Bruxelles*, 1887.

TERMÉSZETRAJZI FÜZETEK. *See* BUDAPEST.—MAGYAR NEMZETI MÚZEUM.

TERMEYER (RAIMONDO MARIA DE) Opuscoli scientifici d'Entomologia di Fisica e d'Agricoltura. 5 Vol. *illust.* 4⁰. *Milano*, 1807–10.
The pagination of Tom. II & III is continuous.

TERMIER (PIERRE) [1859–] Étude sur le massif cristallin du Mont-Pilat, sur la bordure orientale du plateau central entre Vienne et Saint-Vallier, et sur la prolongation des plis synclinaux Houillers de Saint-Étienne et de Vienne. *pp. 56 : 1 pl., 1 map col., text illust.* *See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Tom. I, no. 1. 8⁰. 1889.

Termier (P.) Les éruptions du Velay. *pp. 31 : text illust.* *See* FRANCE,—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Tom. II, no. 13. 8⁰. 1890.

Termier (P.) Étude sur la constitution géologique du Massif de la Vanoise (Alpes de Savoie). *pp. 147 : 9 pls., 1 map geol. col., text illust.* *See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Tom. II, no. 20. 8⁰. 1891.

Termier (P.) Le Massif des Grandes-Rousses (Dauphiné et Savoie). *pp. 119 : 6 pls., 1 map geol. col., text illust.* *See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Vol. VI, no. 40. 8⁰. 1894.

Termier (P.) M. Bertrand (1847–1907). [Life, with Bibliography.] *pp. 63 : 1 port.* 8⁰. *Paris*, 1908.

Termier (P.) L'Atlantide. *pp. 22.* *See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 256. 8⁰. 1913.

TERMO (M. B.) Schlüssel zur Botanik nach Linné's System in Klassen und Ordnungen, *&c.* *pp. vi, 135 : 1 pl. col.* 8⁰. *Leipzig & Baltimore*, 1837.

TERNAUX-COMPANS (HENRI) [1807–1864] Bibliothèque Américaine, ou catalogue des ouvrages relatifs à l'Amérique qui ont paru depuis sa découverte jusqu'à l'an 1700. *pp. viii, 191.* 8⁰. *Paris*, 1837.

TERNIER (LOUIS) Nos Oiseaux de mer, de rivière et de marais. La Sauvagine en France, *&c.* [With a preface by E. Oustalet.] *pp. xv, 523 : 1 pl., text illust.* 8⁰. *Paris* [1897].

TERNISIEN (T. DE) Essai sur l'acclimatation de quelques Fougères et Lycopodes exotiques, croissant pour la plupart dans les zônes tropicales, avec leur description et leur mode de culture. *pp. 23.* 8⁰. *Cherbourg*, 1860.

Ternisien (T. DE) Note sur quelques Végétaux exotiques que l'on peut cultiver à l'air libre à Cherbourg, suivie d'observations sur son climat. *pp. 6.* 8⁰. *Cherbourg* [1861].
[Reports] Congrès Scient. France. Sess. XXVII, tom. I.

TERQUEM (OLRY) [1797–1887] Paléontologie du département de la Moselle. *pp. 40.* 8⁰. *Metz*, 1855.
Statistique de la Moselle.

Terquem (O.) Quatrième (—Sixième) Mémoire sur les Foraminifères du Lias . . . des départements de la Moselle, de la Côte-d'Or et de l'Indre. *pp. 233-522 : pls. xi-xxii.* 8⁰. *Metz*, 1864-66.

Memoirs 1-3 were published in "Mém. Acad. imp. Metz." Tom. XXXIX, XLIII & XLIV, 1858-63.

Terquem (O.) Deuxième Série.—Premier (—Cinquième) Mémoire sur les Foraminifères du système Oolithique, *&c. pp. 406 : 45 pls.* 8⁰. *Metz & Paris*, 1867-74 [-83].

Mém. 1. Étude du Fullers-Earthe de la Moselle. 1867.
[Bull. Soc. Hist. Nat. Moselle. Tom. XI. 1868.]
,, 2. Zone à *Ammonites Parkinsoni* de la Moselle. 1869.
[Mém. Acad. Metz. Tom. L. 1870.]
,, 3. Comprenant les genres *Frondicularia, Flabellina, Nodosaria, Dentalina*, etc., de la Zone à *Ammonites Parkinsoni* de Fontoy (Moselle). 1870.
[Mém. Acad. Metz. Tom. LI. 1870.]
,, 4. Comprenant les genres *Polymorphina, Guttulina, Spiroloculina. Triloculina* et *Quinqueloculina* de la Zone à *Ammonites Parkinsoni* de Fontoy (Moselle). 1874.
,, 5. Zone à *Ammonites Parkinsoni* de Fontoy (Moselle). [1883.]

Terquem (O.) Description Géologique et Minéralogique du département de la Moselle, *&c.* *See* JACQUOT (A. E.) 8⁰. 1868.

Terquem (O.) Essai sur le classement des Animaux qui vivent sur la plage et dans les environs de Dunkerque. Fasc. I-III.† *pp. 152 : 17 pls.* 8⁰. *Paris*, 1875 [-81].

Also issued in the "Mém. Soc. Dunkerquoise, Dunkerque."

Terquem (O.) Les Foraminifères et les Entomostracés-Ostracodes du Pliocène supérieur de l'Île de Rhodes. *pp. 135 : 14 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. III, tom. I, no. 3. 4⁰. 1878.

Terquem (O.) Les Foraminifères de l'Éocène des environs de Paris. *pp. 193 : 20 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. III, tom. II, no. 3. 4⁰. 1882.

Terquem (O.) Les Entomostracés-Ostracodes du système Oolithique de la Zone à *Ammonites Parkinsoni* de Fontoy (Moselle). *pp. 46 : 6 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. III, tom. IV, no. 1. 4⁰. 1885.

Terquem (O.) Les Foraminifères et les Ostracodes du Fuller's-Earth des environs de Varsovie. *pp. 112 : 12 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. III, tom. IV, no. 2. 4⁰. 1886.

Terquem (O.) & **Berthelin** (G.) Étude microscopique des Marnes du Lias moyen d'Essey-lès-Nancy, *&c. pp. 126 : 10 pls., text illust.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. II, tom. X, no. 3. 4⁰. 1875.

Terquem (O.) & **Jourdy** (E.) Monographie de l'étage Bathonien dans le département de la Moselle. *pp. 175 : 15 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. II, tom. IX, no. 1. 4⁰. 1871.

Terquem (O.) & **Piette** (É.) Le Lias inférieur de l'est de la France, comprenant la Meurthe, la Moselle, le Grand-Duché de Luxembourg, la Belgique et la Meuse. *pp. 175 : 18 pls.* *See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Sér. II, tom. VIII, no. 1. 4⁰. 1865.

TERRACCIANO (ACHILLE) [1862-] Revisione monografica delle specie del genere *Nigella. pp. 62.* 8⁰. *Palermo*, 1897-98.

Boll. R. Orto Bot. Vol. I & II.

Terracciano (A.) Revisione monografica delle specie di *Gagea* della Flora Spagnola. *pp. 65.* 8⁰. *Palermo*, 1905.

TERRACCIANO (NICOLA) [1837-] Floræ Vulturis synopsis, exhibens Plantas vasculares in Vulture monte ac finitimis locis sponte vegetantes. *pp. 206.* 4⁰. *Neapoli*, 1869.

Terracciano (N.) Relazione intorno alle peregrinazioni Botaniche fatte per disposizione della deputazione provinciale di Terra di Lavoro in certi luoghi della provincia. 4 Vol. [in 1.] 8⁰. *Caserta*, 1872-78.

Terracciano (N.) Notizie intorno a certe Piante raccolte a Castelporziano in quel di Roma, nel Settembre del 1884. *pp. 5 : 2 pls.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. III, vol. IV, no. 3. 4⁰. 1885.

Terracciano (N.) Descrizione di una nuova specie di Narcisso. *pp. 6 : 1 pl.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. III, vol. V, no. 7. 4⁰. 1886.

Terracciano (N.) La *Dicksonia Billardierii*, Von Müller, del Giardino Botanico della Real Casa in Caserta. *pp. 5 : 1 pl.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. III, vol. VI, no. 2. 4⁰. 1887.

Terracciano (N.) Descrizione di una nuova specie di Pruno. *pp. 4 : 1 pl.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. IV, vol. I, no. 7. 4⁰. 1888.

Terracciano (N.) Intorno al alcune Piante della Flora di Terra di Lavoro. *pp. 10 : 1 pl.* *See* NAPLES.—REALE ACCADEMIA DELLE SCIENZE FISICHE E MATEMATICHE. Atti, *&c.* Ser. II, vol. IV, Appendice No. 2. 4⁰. 1891.

Terracciano (N.) La *Chorisia speciosa*, St. Hil., del Giardino Botanico della Real Casa in Caserta. *pp. 7 : 2 pls.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. IV, vol. VII, no. 14. 4⁰. 1894.

Terracciano (N.) Il *Ranunculus aleæ*, Willk., a fiore doppio, nella Flora dell'Italia meridionale, *&c. pp. 4 : 1 pl.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. IV, vol. VIII, no. 7. 4⁰. 1895.

Terracciano (N.) Intorno alla Flora del Monte Pollino e della terre adiacenti. *pp. 18 : 1 pl.* *See* NAPLES.—REALE ACCADEMIA DELLE SCIENZE, *&c.* Atti, *&c.* Ser. II, vol. VIII, no. 9. 4⁰. 1897.

Terracciano (N.) Intorno ad alcune specie d'Iridi che crescono naturalmente nel mezzogiorno d'Italia. *pp. 13 : 3 pls.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. V, vol. I, no. 5. 4⁰. 1899.

Terracciano (N.) Le Piante della Flora Italiana più acconce all'ornamento dei giardini. *pp. 319.* *See* NAPLES.—REALE ISTITUTO D'INCORAGGIAMENTO. Atti, *&c.* Ser. V, vol. II, no. 2. 4⁰. 1901.

TERREIL (CLAIRE AUGUSTE) [1828-] Traité pratique des Essais au Chalumeau, *&c. pp. viii, 440 : text illust.* 8⁰. *Paris*, 1875.

TERRONE (G.) & **others.** Viaggio in alcuni luoghi della Basilicata e della Calabria citeriore effettuito nel 1826. *See* TENORE (M.) *& others.* 8⁰. 1827.

TERROR, *H.M.S.* Narrative of an expedition in H.M.S. Terror . . . in . . . 1836-7. *See* BACK (*Sir* G.) 8⁰. 1838.

Terror, *H.M.S.* The Botany of the Antarctic Voyage . . . in the years 1839-43, *&c.* 3 Vol. [in 6.] *See* HOOKER (*Sir* J. D.) 4⁰. 1844-60.

Terror, *H.M.S.* The Zoology of the voyage of H.M.S. Erebus and Terror . . . during 1839-43, *&c.* 2 Vol. *See* RICHARDSON (*Sir* J.) & GRAY (J. E.) 4⁰. 1844-75.

Terror, *H.M.S.* Algæ Antarcticæ, being . . . descriptions of . . . Algæ discovered . . . during the voyage of H. M. . . . S. "Erebus" and "Terror." *See* HOOKER (*Sir* J. D.) & HARVEY (W. H.) 8⁰. [1845.]

Terror, *H.M.S.* Algæ Novæ Zealandiæ . . . with . . . descriptions of the new species discovered during the voyage of H.M. . . . S. "Erebus" and "Terror," *&c.* *See* HOOKER (*Sir* J. D.) & HARVEY (W. H.) 8⁰. 1845.

Terror, *H.M.S.* Voyages of Discovery in the Arctic and Antarctic Seas (Pt. I. Voyage of H.M.S. . . . "Terror" to the South Polar Seas . . . during . . . 1839-1843. — Pt. III. Voyage to Wellington Channel in search of Sir J. Franklin and the crews of H.M.S. "Erebus" and "Terror," 1852-3), *&c.* *See* M'CORMICK (R.) 8⁰. 1884.

Terror, *H.M.S.* [Catalogue of Plants, with notes and drawings made during the expedition of H.M.S. "Erebus" and "Terror" from Oct. 1839 to Dec. 1840.] *See* HOOKER (*Sir* J. D.) 8⁰.

Terror, *H.M.S.* [28 Water-colour drawings and pencil sketches of Antarctic Fish made by Sir J. Hooker during the voyage of H.M.S. "Erebus" and "Terror," 1839-43.] *See* HOOKER (*Sir* J. D.)

TERRY (CHARLES) Zoology of the Bath District. *See* MORRIS (J. W.) Handbook to Bath, *&c.* 8⁰. 1888.

TERTRE (JEAN BAPTISTE DU) *See* DU TERTRE.

TERTRIN (PAUL) Paussidæ, Silphidæ, Temnochilidæ, Lucanidæ, Scarabeidæ, Buprestidæ, Cleridæ and Meloidæ of Indo-China.] *See* PAVIE (A.) Mission Pavie Indo-Chine, *&c.* 4⁰. 1904.

TERUEL. [*Maps.*] Mapa Geológico de la provincia de Teruel, por D. de Cortázar. Escala de 1 : 400,000 [*i.e.* 1 in. = 6¼ m. about]. *See* SPAIN.—INSTITUTO GEOLÓGICO DE ESPAÑA. Boletín, *&c.* Tom. XII. 8⁰. 1885.

TERVER (ANGE PAULIN) [1798-1875] Catalogue des Mollusques terrestres et fluviatiles, observés dans les possessions Françaises au nord de l'Afrique. *pp. 39 : 4 pls.* 8⁰. *Paris & Lyon*, 1839.

Terver (A. P.) Malacologie Lyonnaise, ou description des Mollusques terrestres & aquatiques des environs de Lyon d'après la collection A. P. Terver (Notice sur la Vie et les Travaux de A. P. Terver), *&c.* *See* LOCARD (A.) 8⁰. 1877.

TERZAGHI (KÁROLY) Adatok a Horvát Karsztvidék vizrajzához és morfologiájához. *pp. 95 [4] : 1 pl., 1 map, text illust.*—Beitrag zur Hydrographie und Morphologie des Kroatischen Karstes. *pp. 107 [5] : 1 pl., 1 map, text illust.* *See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mitteilungen aus dem Jahrbuche, *&c.*) Köt. XX, füz. 6. 8⁰. 1913.

TESCH (JOHAN JACOB) The Thecosomata and Gymnosomata of the Siboga-Expedition. *See* WEBER (M. C. W.) Siboga-Expeditie . . . 1899-1900, *&c.* Monog. LII. 4⁰. 1904.

Tesch (J. J.) Die Heteropoden der Siboga-Expedition. *See* WEBER (M. C. W.) Siboga-Expeditie . . . 1899-1900, *&c.* Monog. 51. 4⁰. 1906.

Tesch (J. J.) Pteropoda. *pp. xvi, 154 : text illust.* *See* LEIPSIC.—DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. 36. 8⁰. 1913.

TESCHLER (GYÖRGY) Adatok a Dentinfogak finomabb szerkezetének ismeretéhez. [Contributions to our knowledge of the minute structure of Dentine.] *pp. 73 [8] : 7 pls.* *See,* BUDAPEST.—MAGYAR TUDOMÁNYOS AKADÉMIA. Értekezések a Természettudományok Köréből, *&c.* Köt. IX, szám 1. 8⁰. 1879.

TESSIER (ALEXANDRE HENRI) [1741-1837] *See* DICTIONARIES. Dictionnaire des Sciences naturelles, *&c.* Tom. I-VI. 8⁰. 1804-17.

Tessier (A. H.) *See* DICTIONARIES. Nouveau Dictionnaire d'Histoire naturelle, *&c.* Nouvelle édition. Tom. XXI-XXXVI. 8⁰. 1818-19.

Tessier (A. H.) Réflexions relatives à l'influence que l'établissement rural de Rambouillet a eue et peut avoir encore sur l'amélioration des Laines et de l'Agriculture en France. *pp. 40.* 8⁰. *Paris*, 1829.

Tessier (A. H.) Note sur les Bergeries nationales et sur la nécessité de les conserver. *pp. 8.* 8⁰. [*Paris,*] (1832.)

Annales de l'Agriculture Franç. [Sér. III,] Tom. IX.

TESSIN (CARL GUSTAV) *Count* [1695-1770] Museum Tessinianum, *&c.* *See* LINNÆUS (C.) [*Museological Works.*] fol. 1753.

TESTA (DOMENICO) Seconda lettera . . . su i Pesci fossili del Monte Bolca, *&c.* *See* FORTIS (A.) Due lettere su i Pesci fossili, *&c.* 8⁰. [1793.]

TESTUT (JEAN LÉO) [1849-] *See* MONTHLY INTERNATIONAL JOURNAL OF ANATOMY AND HISTOLOGY. Internationale Monatsschrift für Anatomie und Histologie, conducted by . . . L. Testut, *&c.* Vol. I-V. 8⁰. 1884-88.

TETZLAFF (GOTTHARD LEBRECHT ADOLF) [1857-] Die Holzreste von Leubingen. Ein Beitrag zur Kenntnis der Deutschen Laubhölzer, mit besonderer Berücksichtigung der Fossilen. Inaugural-Dissertation, *&c.* *pp. 45.* 8⁰. *Halle*, 1881.

TEULON (MARC ANTOINE LOUIS FÉLIX GIRAUD) *See* GIRAUD-TEULON.

TEUTSCHEL & Co. Notes on Lilies and their Culture, with extracts from M. Duchartre's "Observations on Lilies," also Mr. Baker's Synopsis, M. Max Leichtlin's Catalogue, and letters from Mr. Wilson, Dr. Kellogg, and other well known lovers of lilies. [By A. Wallace.] *pp. 109.* 8⁰. *Colchester*, 1873.

—— Second edition, *&c.* *See* WALLACE (A.) 8⁰. 1879.

TEXAS, *State of.*—GEOLOGICAL AND AGRICULTURAL SURVEY.
Annual Report of the . . . Survey, *&c.* No. 1-3.† 1889-91 8⁰. *Austin*, 1890-92.

Eleven separate pamphlets exist, marked as being "from the fourth Report, 1892," which, however, was never issued in bound form. (Letter from the Director of the University of Texas Mineral Survey.)

Texas, *State of.* — GEOLOGICAL AND AGRICULTURAL SURVEY.
A preliminary Report of the . . . Survey . . . By S. B. Buckley. (Appendix.—Description of New Texas Grasses.) *pp. 81 (4,) ii : text illust.* 8⁰. *Austin*, 1866.

Texas, *State of.* — GEOLOGICAL AND AGRICULTURAL SURVEY.
Preliminary Reports on the Artesian Wells of the Gulf coastal slope, by J. A. Singley, and on the organic remains from the deep well at Galveston, by G. D. Harris. *pp. 87-119, 1 tab.* 8⁰. *Austin*, 1893.

Marked as being "from fourth Annual Report, 1892," which, however, was never issued in bound form.

TEXAS, University of. *See* AUSTIN.

TEXAS ACADEMY OF SCIENCE. [Founded 1892.] Transactions, *&c.* Vol. I→ 8⁰. *Austin*, 1892→

TEXIDOR Y COS (JUAN) Apuntes para la Flora de España, ó Lista de Plantas no citadas y raras en Galicia, partido judicial de Valladolid, provincia de Madrid y Cataluña. *pp. 83.* 8⁰. *Madrid*, 1869.

Reprinted from the "Revista de los progresos de las Ciencias," Tom. XVIII.

Nuevos apuntes para la Flora de España. *pp. 32.* 8⁰. *Madrid*, 1872.

TEXTILE FIBRES. Nomenclature usuelle de 550 Fibres Textiles, avec indication de leur provenance, leurs usages, *&c.* *See* NOMENCLATURE. 8⁰. 1872.

TEXTOR (BENEDICTUS) [*i.e.* **Benoist Tessier**] Stirpium differentiæ ex Dioscoride secundum locos communes, *&c.* *See* BOCK (H.) H. Tragi, de Stirpium . . . nomenclaturis commentariorum libri tres, *&c.* 8⁰. 1552.

This work was originally published in 1534.

TEYSMANN (J. E.) *See* TEIJSMANN.

THACKER (A. GORDON) Report on some Palæolithic Implements from King Arthur's Cave, near Ross. 8⁰. [*Gloucester*, 1912.]

Second Annual Report Public Museum Committee, Gloucester. 1911-12, *pp. 13 & 14: 2 pls.*

THACKERAY (FRANCIS ST. JOHN) [1832-] Fragments from the Past, 1832-1907, *&c.* *pp.* [*iv,*] *235 : 5 pls.* 8⁰. *London*, 1907.

Privately printed.

THAER (ALBERTUS) *See* THAER (C. W. A.)

THAER (CONRAD WILHELM ALBRECHT) [1828-1907] De Polystomo appendiculato. Dissertatio inauguralis, *&c.* *pp. 32 : 3 pls.* 4⁰. *Berolini*, 1851.

THALACKER (JOANNES FRIDERICUS FERDINANDUS) [1776-] Dissertatio inauguralis medica de Gummi et Ligni Guaiaci virtutibus, *&c.* *pp. 52.* 4⁰. *Jenæ* [1800].

THALÉN (TOBIAS ROBERT) [1827-1905] Recherches sur les propriétés magnétiques du Fer, *&c.* *pp. 43.* *See* UPSALA. — KONGLIGA VETENSKAPS - SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. IV, no. 2. 4⁰. 1862.

Thalén (T. R.) Mémoire sur la détermination des longueurs d'onde des Raies Métalliques, *&c.* *pp. 38 : 1 pl.* *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. VI, no. 9. 4⁰. 1868.

Thalén (T. R.) Sur la recherche des Mines de Fer à l'aide de mesures magnétiques, *&c.* *pp. 36 : 1 pl.* *See* UPSALA. — KONGLIGA VETENSKAPS - SOCIETETEN. Nova Acta . . . Volumen extra ordinem editum, *&c.* No. 16. 4⁰. 1877.

THALHAMMER (JOHANN) *Neuropachys brachyptera*, n. g. et n. sp. Dipterorum. *pp. 2.* *See* BRUSSELS. — SOCIÉTÉ SCIENTIFIQUE. Annales, *&c.* Tom. XXXVII (Mémoires). 8⁰. 1913.

THALIUS (JOANNES) [1542?-1583] Sylva Hercynia, sive catalogus Plantarum sponte nascentium in montibus et locis vicinis Hercyniæ, quæ respicit Saxoniam, *&c.* *See* CAMERARIUS (J.) *the Younger.* Hortus Medicus et Philosophicus, *&c.* 4⁰. 1588.

THALLWITZ (J.) Decapoden-Studien, insbesondere basirt auf A. B. Meyer's Sammlungen im Ostindischen Archipel, nebst einer Aufzählung der Decapoden und Stomatopoden des Dresdener Museums. *pp. 55 : 1 pl.* *See* DRESDEN. — *Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen, *&c.* 1890-91, no. 3. 4⁰. 1892.

THAMES. [*Maps.*] Geological Map of the Estuary of the Thames, prepared by J. Prestwich, *&c.* [Scale 1 in. = 1 m.] s.sh. *London*, 1858.

From a Blue-Book Report upon the Metropolitan Drainage.

THAN (KÁROLY) [1834-] A Knyahinai Meteorkő mennyileges vegyelemzése. [Qualitative chemical analysis of the Knyahina Meteorite.] *pp. 8 : text illust.* *See* BUDAPEST. — MAGYAR TUDOMÁNYOS AKADÉMIA. Értekezések a Természettudományok Köréből, *&c.* Köt. VI, szám 6. 8⁰. 1875.

THANE (GEORGE DANCER) [1850-] Quain's Elements of Anatomy. Edited by . . . G. D. Thane . . . Ninth edition. 2 Vol. *See* QUAIN (J.) 8⁰. 1882.

THAXTER (ROLAND) [1858-] *See* ANNALS OF BOTANY; edited by . . . R. Thaxter. Vol. XXI→ 8⁰. 1907→

THAYER (ABBOTT H.) Concealing-Coloration in the Animal Kingdom . . . being a summary of A. H. Thayer's discoveries, *&c.* *See* THAYER (G. H.) 4⁰. 1909.

THAYER (GERALD H.) [1849-] Concealing-Coloration in the Animal Kingdom . . . being a summary of A. H. Thayer's discoveries, by G. H. Thayer, with an Introductory essay by A. H. Thayer, *&c.* *pp. xix, 260 : 73 pls. (col.), text illust.* 4⁰. *New York*, 1909.

THEAKSTON (SOLOMON WILKINSON) Theakston's pictorial Scarboro' Guide . . . A new edition. *pp.* [*iv,*] *179, 3 : 2 maps, text illust.* 8⁰. *Scarborough*, 1845.

Contains notes on the Geology, Botany and Zoology of the district.

—— [Another edition entitled :] Theakston's Guide to Scarborough . . . Ninth edition. *pp. viii, 234 : 1 pl., 1 map, text illust.* 8⁰. *Scarborough*, 1868.

THEATRUM FLORÆ. Theatrum Floræ. In quo ex toto orbe selecti mirabiles venustiores ac præcipui Flores tanquam ab ipsus Deæ sinu proferuntur. *69 pls., engr. title & frontispiece.* fol. *Lutitiæ Parisiorum*, 1633.

This work was first issued in 1628.

THEDENIUS (KNUT FREDRIK) [1814-1894] Anmärkningar om Herjedalens Vegetation. *pp. 53, 1 tab.* 8⁰. *Stockholm*, 1839.

K. Svensk. Vet.-Akad. Handl. 1838.

Thedenius (K. F.) Observationes de enervibus Scandinaviæ speciebus generis Andreææ, *&c.* *pp. 10 : 2 pls.* 8⁰. *Holmiæ*, 1849.

Thedenius (K. F.) Stockholmstraktens Phanerogamer och Ormbunkar, med växtställen för de sällsyntare. *pp. 64.* 8⁰. *Stockholm*, 1850.

Thedenius (K. F.) Nya Botaniska Notiser utgifne af K. F. Thedenius, 1852 (-56). *See* BOTANISKA NOTISER, *&c.* 8⁰. 1852 (-57).

Thedenius (K. F.) Botaniska Exkursioner i Stockholmstrakten. *pp. 135.* 8⁰. *Stockholm*, 1859.

Thedenius (K. F.) Flora öfver Uplands och Södermanlands Fanerogamer och bräkenartade Växter. *pp.* [*ii,*] *524.* 8⁰. *Stockholm*, 1871.

Thedenius (K. F.) & **Andersson** (N. J.) Svensk Skol-Botanik, innefattande tvåhundrafemtio typiska afbildningar af Svenska Växter, *&c.* 2 Bd. *See* ANDERSSON (N. J.) & THEDENIUS (K. F.) 8⁰. 1851–54.

THEDOROV (NĪKOLAĬ PETROVĪCH) Materialui dlya antropologhiĭ inorodtzev Kazanskoĭ ghuberniĭ. Sravnītel'nuiya antropometrīcheskiya dannuiya o Chuvashakh ĭ Cheremīsakh . . . S predīsloviem . . . M. F. Kandaratskagho. [Data towards an anthropology of the tribes in the Kazan government. Comparative anthropometrical data on the Chuvash and Cheremisses . . . With a preface by M. F. Kandaratskiĭ.] *pp. 66, 6 tabs.: 8 pls. (col.)* *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XL, vuip. 3. 8⁰. 1905.

THEDOROVĪCH (ALEKSANDR NĪKOLAEVĪCH) O zernīstostī Bakteriĭ. [On nucleated Bacteria.] *pp. 25: 1 pl. col.* *See* WARSAW.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui . . . otdyelenie Biologhiĭ. Ghod. XI. 8⁰. 1901.

THÉEL (JAKOB GUSTAF) De Skandinaviska arterna af slägtet *Scapania* bland Lefvermossorna. Akademiska afhandling, *&c.* *pp. 34.* 8⁰. *Stockholm*, 1872.

THÉEL (JOHAN HJALMAR) [1848–]
Recherches sur le *Phascolion* (*Phascolosoma*) *strombi* (Mont.) . . . Sommaire. *pp. 7.*
Études sur les Géphyriens Inermes des mers de la Scandinavie, du Spitzberg et du Groënland, *&c.* *pp. 30: 4 pls.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. III, no. 3 & 6. 8⁰. 1875.

Théel (JOHAN H.) Recherches sur le *Phascolion strombi* (Mont.), *&c.* *pp. 32: 3 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIV, no. 2. 4⁰. 1875.

Théel (JOHAN H.) Note sur les Oiseaux de la Nouvelle-Zemble. *pp. 7.* *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. IV, no. 6. 8⁰. 1876.

Théel (JOHAN H.) Note sur l'*Elpidia*, genre nouveau du groupe des Holothuries, *&c.* *pp. 7.* *See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. IV, no. 4. 8⁰. 1876.

Théel (JOHAN H.) Mémoire sur l'*Elpidia*, nouveau genre d'Holothuries, *&c.* *pp. 30: 5 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIV, no. 8. 4⁰. 1877.

Théel (JOHAN H.) Beskrifning öfver hufvudets ben hos *Anas boschas.* Akademisk afhandling, *&c.* *pp. 30.* 8⁰. *Stockholm*, 1877.

Théel (JOHAN H.) Note sur quelques Holothuries des mers de la Nouvelle Zemble, *&c.* *pp. 18: 2 pls.* *See* UPSALA. — KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta . . . Volumen extra ordinem editum, *&c.* No. 17. 4⁰. 1877.

Théel (JOHAN H.) Les Annélides Polychètes des mers de la Nouvelle-Zemble, *&c.* *pp. 75: 4 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XVI, no. 3. 4⁰. 1879.

Théel (JOHAN H.) Preliminary Report of the Holothuridæ of the exploring Voyage of H.M.S. "Challenger," *&c.* Pt. I. *pp. 20: 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. V, no. 19. 8⁰. 1879.

Théel (JOHAN H.) Report on the Holothurioidea dredged by H. M. S. Challenger, *&c.* 2 Pt. *illust.* *See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. XIII) Vol. IV; (pt. XXXIX) Vol. XIV. 4⁰. 1881, 86.

Théel (JOHAN H.) Report on the Holothurioidea. *See* TIZARD (T. H.) & MURRAY (*Sir* J.) *K.C.B.* Exploration of the Faroe Channel during . . 1880 in H.M. . . . S. "Knight Errant." 8⁰. 1882.

Théel (JOHAN H.) On the development of *Echinocyamus pusillus* (O. F. Müller). *pp. 57: 9 pls.* *See* UPSALA. — KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. XV, fasc. I, no. 6. 4⁰. 1892.

Théel (JOHAN H.) Om Sveriges Zoologiska Hafsstation Kristineberg. *pp. 48: 4 photo. pls., text illust.* 8⁰. *Stockholm*, 1895.

Théel (JOHAN H.) Remarks on the activity of Amœboid Cells in the Echinoderms. *See* HULTH (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Théel (JOHAN H.) On a singular case of hermaphrodism in Holothurids. *pp. 38: 2 pls., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVII, afd. IV, no. 6. 8⁰. 1901 (1902).

Théel (JOHAN H.) Preliminary account of the development of *Echinus miliaris*, L. *pp. 11: 3 pls., text illust.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. IV, no. 7. 8⁰. 1902 (1903).

Théel (JOHAN H.) Northern and Arctic Invertebrates in the Collection of the Swedish State Museum (Riksmuseum). I. Sipunculids. *pp. 130: 15 pls.* (II. Priapulids, Echiurids, *&c.* *pp. 28: 2 pls., text illust.*) *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXXIX, no. 1; XL, no. 4. 4⁰. 1905, 06.

Théel (JOHAN H.) Om utvecklingen af Sveriges Zoologiska Hafsstation Kristineberg och om djurlifvet i angränsande haf och fjordar. *pp. 136: 5 pls., 3 maps, text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. IV, no. 5. 8⁰. 1908.

Théel (JOHAN H.) [Annulata, by J. G. H. Kinberg. From *p. 33 and plates ix-xxix*, published after his death, edited by J. H. Théel.] *See* SWEDEN. Kongliga Svenska Fregatten Eugenies Resa omkring jorden . . . 1851–1853. Vetenskapliga iakttagelser, *&c.* [Deel II,] Zoologi. III. Annulater. 4⁰. 1910.

Théel (JOHAN H.) Priapulids and Sipunculids dredged by the Swedish Antarctic Expedition, 1901–1903, and the phenomenon of bipolarity. *pp. 36: 5 pls., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLVII, no. 1. 4⁰. 1911.

Théel (JOHAN H.) Some notes on the development of *Echinocardium cordatum* (Penn.) and *Parechinus miliaris* (L.). *pp. 14: 1 pl. col., text illust.* *See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLIX, no. 4. 4⁰. 1912.

Théel (JOHAN H.) & **Nordenskiöld** (N. A. E. VON) Redogörelser för de Svenska Expeditionerna till mynningen af Jenisej, år 1876, *&c.* *pp. 81: 2 maps.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. IV, no. 11. 8⁰. 1877.

THEILE (FRIEDRICH) [1814–1899] De viribus Daphnes mezerei nonnulla. Dissertatio inauguralis medica quam ... defendet F. Theile, *&c. pp. 43, 1 tab.* 8⁰. *Lipsiæ*, 1838.

THEILER (A.) The *Piroplasma bigeminum* of the immune Ox. *pp. 20 : 1 pl., text illust.* 8⁰. [*London*, 1904.]
Journ. Roy. Army Med. Corps. Dec. 1904.

Theiler (A.) East Coast Fever. *pp. 22.* 8⁰. [*London*, 1904.]
Journ. Roy. Army Med. Corps. November 1904.

THÉIS (ALEXANDRE ÉTIENNE GUILLAUME DE) *Baron* [1765–1842] Glossaire de Botanique, ou dictionnaire Étymologique de tous les noms et termes relatifs à cette science. *pp. xxvi, 542.* 8⁰. *Paris*, 1810.

Théis (A. É. G. DE) *Baron.* Spiegazione etimologica de' nomi generici delle Piante, tratta dal glossario di Botanica di A. de Théis e da altri moderni scrittori. *pp. vi, 166.* 4⁰. *Vicenza*, 1815.

THEISZEN (F.) Die Gattung *Asterina* in systematischer Darstellung. *pp. 130 : 8 pls. See* VIENNA.—KAISERLICH - KOENIGLICHE ZOOLOGISCH - BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. VII, hft. 3. 8⁰. 1913.

THELLUNG (ALBERT) & **Naegeli** (O.) Die Flora des Kantons Zürich. Thl. I. *See* NAEGELI (O.) & THELLUNG (A.) 8⁰. 1905.

THELNING (CAROLUS AUGUSTUS) [1791–1848] Remedia Guineensia, quorum collectionem nonam ... p. p. C. A. Thelning, *&c. See* AFZELIUS (A.) 4⁰. [1815.]

Thelning (C. A.) De Digitali purpurea dissertatio medica ... p. p. C. A. Thelning, *&c. See* THUNBERG (C. P.) 4⁰. [1822.]

THELWALL (JOHN) [1764–1834] An Essay towards a definition of Animal Vitality ... in which several of the opinions of ... J. Hunter are examined and controverted, *&c. pp. iv, 41.* fol. *London*, 1793.

THEN (FRANZ) Katalog der Oesterreichischen Cicadinen. *pp. 59.* 8⁰. *Wien*, 1886.
Programm k. k. Theresianischen Gymn. Wien.

THÉNARD (LOUIS JACQUES) *Baron* [1777–1857] Annales de Chimie ... par MM. Guyton-Morveau et Thénard. [Ser. I,] Tom. LXXIV—[Ser. II,] Tom. III. *See* ANNALES DE CHIMIE ET DE PHYSIQUE. 8⁰. 1810–16.

Thénard (L. J.) *Baron.* [Traité de Chimie élémentaire, *&c.* 4 Vol. 8⁰. *Paris*, 1813–16.]
Wanting.

—— An Essay on Chemical Analysis ... chiefly translated from ... the Traité de Chimie élémentaire of L. J. Thénard. *See* CHILDREN (J. G.) 8⁰. 1819.

THENEN (SALVATOR) Zur Phylogenie der Primulaceenblüte. Studien über den Gefässbündelverlauf in Blütenachse und Perianth. *pp. iv, 131 : 9 pls., text illust.* 8⁰. *Jena*, 1911.

THÉNOT (LOUIS) Thèse ... Le Cellule végétale, *&c. pp. 97.* 4⁰. *Saint-Germain*, 1870.

THEOBALD (FREDERICK VINCENT) An account of British Flies (Diptera). Vol. I.†
8⁰. *London*, (1891–) 1892 (–93).

Theobald (F. V.) Report on a collection of Mosquitoes or Culicidæ ... from Gambia, and descriptions of new species. *See* LIVERPOOL SCHOOL OF TROPICAL MEDICINE. Memoir X, Appendix. 4⁰. 1903.

Theobald (F. V.) [Culicidæ of Socotra.] *See* LIVERPOOL.—*Free Public Library, Museum and Gallery of Arts.* The Natural History of Socotra, *&c.* 8⁰. 1903.

Theobald (F. V.) Fam. Culicidæ. *pp. 50 : 2 pls. col. See* WYTSMAN (P. A. G.) Genera Insectorum, *&c.* Diptera. Fasc. 26. 4⁰. 1905.

Theobald (F. V.) Report on the Orchards and Fruit Plantations of Worcestershire, with a short account of some of the worst Diseases observed. And suggestions for their treatment, *&c. See* WORCESTERSHIRE EDUCATION COMMITTEE. 8⁰. [1906.]

Theobald (F. V.) The Insect and other allied Pests of Orchard, Bush and Hothouse Fruits and their prevention and treatment. *pp. xvi, 550 : 1 pl., text illust.* 8⁰. *Wye* [*Kent*], 1909.

Theobald (F. V.) Novæ Culicidæ. Pt. I→ *illust.* 8⁰. *Wye* [*Kent*], 1911→

THEOBALD (GOTTFRIED LUDWIG) [1810–1869] Unterengadine. Geognostische Skizze, *&c. pp. 76 : 1 map col. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. XVII. 4⁰. 1860.

Theobald (G. L.) Geologische Beschreibung der nordöstlichen Gebirge von Graubünden. *pp. viii, 372 : 18 pls. (2 col.), 2 maps geol. col. See* SWITZERLAND.—*Carte Géologique Suisse.* Beiträge, *&c.* Lief. II. 4⁰. 1863 (1864).

Theobald (G. L.) Die südöstlichen Gebirge von Graubünden und dem angrenzenden Veltlin. *pp. xii, 359 : 8 pls. (2 col.), 1 map geol. col. See* SWITZERLAND.—*Carte Géologique Suisse.* Beiträge, *&c.* Lief. III. 4⁰. 1866.

Theobald (G. L.) & **Cassebeer** (J. H.) Flora der Wetterau. *See* CASSEBEER (J. H.) & THEOBALD (G. L.) 8⁰. 1847.

THEOBALD (WILLIAM) [1829–1908] Indian Oology.—Notes on the Nidification of some of the commoner Birds of the Salt Range, with a few additional from Kashmir. *pp. 15.* 8⁰. [*Calcutta*, 1854.]
Journ. Asiatic Soc. Bengal. Vol. XXIII, 1854.

Theobald (W.) Indian Oology. *pp. 8.* 8⁰. [*Calcutta*, 1855.]
Journ. Asiatic Soc. Bengal. Vol. XXIV, 1855.

Theobald (W.) Catalogue of the Recent Shells in the Museum, Asiatic Society of Bengal. (Addenda.) *pp. 4, 160 (5).* 8⁰. *Calcutta*, 1860.

Theobald (W.) Catalogue of Reptiles in the Museum of the Asiatic Society of Bengal. (Appendix [of instructions for preserving specimens].) *pp. 88 (iii) : 4 pls.* 8⁰. *Calcutta*, (1866–) 1868.
Journ. Asiatic Soc. Bengal. Extra No.

Theobald (W.) Mr. W. Theobald and Dr. Falconer. [A criticism of errors in Indian Zoology.] *See* BLYTH (E.) 8⁰. 1870.

Theobald (W.) Descriptive Catalogue of the Reptiles of British India. (Synopsis of the families, *&c.*—Appendix. On the means of discriminating between poisonous and harmless snakes, *&c.*) *pp. x, 238 (xxxviii, xiii) : 5 pls.* 4⁰. *Calcutta*, 1876.

Theobald (W.) Catalogue of the Land and Fresh-Water Shells of British India. *pp. ii, 65.* fol. *Calcutta, &c.*, 1876.

Theobald (W.) Burmah, its people and productions ... By ... F. Mason ... [Third edition] Rewritten and enlarged by W. Theobald. *See* MASON (F.) 8⁰. 1882–83.

Theobald (W.) Index of the genera and species of Mollusca in the Hand List [by G. Nevill] of the Indian Museum, *&c.* 2 Pt. *See* CALCUTTA.—*Indian Museum.* 8⁰. 1889.

Theobald (W.) & **Hanley** (S. C. T.) Conchologia Indica: illustrations of the Land and Freshwater Shells of British India. *See* HANLEY (S. C. T.) & THEOBALD (W.) 4⁰. 1876.

THEOCRITUS. Flore de Théocrite, *&c.* *See* FÉE (A. L. A.) 8⁰. 1832.

THEODOR (FRITZ) Das Gehirn des Seehundes (*Phoca vitulina*). *See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Bericht, *&c.* Bd. III, hft. 1. 8⁰. 1888.

THEODORI (CARL) Beschreibung des kolossalen *Ichthyosaurus trigonodon* in der Lokal-Petrefakten-Sammlung zu Banz, nebst synoptischer Darstellung der übrigen Ichthyosaurus-Arten in derselben, *&c.* *pp. xiv, 81 : 4 pls.* fol. *München*, 1854.

Wanting the plates.
Five traced drawings, apparently by C. Theodori, who signs them, are included in this copy.

THEODORUS (JACOBUS) *Tabernæmontanus* [1520–1590] Neuw Kreuterbuch, mit . . . Figuren . . . aller Gewächss der Kreuter, *&c.* (Das ander Theyl [and Thl. 3] . . . digerirt und vollbracht durch N. Braun.) 2 Vol. [in 1] *illust.* 8⁰. *Franckfurt am Mayn*, 1588–91.

—— [Another edition.] Neuw vollkommentlich Kreuterbuch . . . Gemehret durch C. Bauhinum, *&c.* (D. I. Theodori . . . New und vollkommen Kräuterbuch . . . Das ander Theyl [and Thl. 3] . . . alles . . . beschrieben durch N. Braun . . . Jetzunder . . . gemehret und verbessert, durch C. Bauhinum, *&c.*) 2 Vol. *illust.* fol. *Franckfurt am Mayn*, 1613.

—— [Another edition] verbessert durch C. Bauhinum . . . und . . . vermehret durch H. Bauhinum, *&c.* *pp.* [*x*,] *1529* [*66*] : *text illust.* fol. *Basel*, 1664.

There is a separate title-page to Thl. 2 & 3.

—— [Another edition.] *pp.* [*x*,] *1529* [*94*] : *text illust.* fol. *Basel*, 1687.

A separate title-page to Thl. 2 & 3 is also given in this edition.
All these editions are printed in double column.

Theodorus (J.) *Tabernæmontanus.* Eicones Plantarum, *&c.* [A re-issue of the illustrations in the Neuw Kreuterbuch.] *See* BASSÆUS (N.) obl. 8⁰. 1590.

These illustrations were afterwards used in Gerard's "Herball" [*q.v.*].

THEOFĪLAKTOV (KONSTANTĪN MATVYEEVĪCH) Gheoghnostīcheskaya Karta gh. Kieva, *&c.* [Geognostic Map of the government of Kiev. Scale 1 in. = 490 yds.] *See* KIEV. [*Maps.*] sh. 1874.

THEOLANDER (DAVID) Novitiæ Floræ Svecicæ . . . respondens D. Theolander . . . Part. III. *See* FRIES (E. M.) 4⁰. 1817.

THEOPHRASTUS. [B.C. 374–286] [*Works.*]
Θεοφραστου βιος ἐκ των Λαερτιου . . . Θεοφραστου περι πυρος, βιβλιον ἑν. Του αὑτου περι ἀνεμων, βιβλιον ἑν . . . Θεοφραστου περι λιθων, βιβλιον ἑν.—Θεοφραστου περι ἰχθυων. Του αὑτου περι ἰλιγγων . . . Περι κωπων . . . Περι ὀσμων . . . Περι ἱδρωτων.—Θεοφραστου περι φυτων ἱστοριας. Του αὑτου περι φυτων αἰτιων.—Θεοφραστου των μετα τα φυσικα. [Edited by A. Manutius.] *See* ARISTOTLE. [*Works.*] *Begin :* *Εἰς ὀργανον Ἀριστοτελους Ἀνωνυμον, &c.* Vol. II–V. fol. 1497–98.

Theophrastus. [*Works.*]
Θεοφραστου ἐκλογαι περι ζωων, &c.—Θεοφραστου των μετα τα φυσικα.—Θεοφραστου Χαρακτηρες ἠθικοι. *See* ARISTOTLE. [*Works.*] *Ἀριστοτελους τα εὑρισκομενα.* Aristotelis opera quæ exstant. Addita . . . quædam Theophrasti, *&c.* 4⁰. 1584–87.

Theophrastus. [*Works.*]
Θεοφραστου του Ἐρεσιου ἁπαντα. Theophrasti Eresii Græce & Latine opera omnia. D. Hensius textum Græcum . . . emendavit . . . interpretationem passim interpolavit. [Translated into Latin by T. Gaza, D. Furlanus and A. Turnebus.] *pp.* [*xvi*,] *508.* fol. *Lugduni Batavorum*, 1613.

Greek and Latin in parallel columns.

Theophrastus. [*Works.*]
Θεοφραστος. Theophrasti Eresii opera, quæ supersunt, omnia Græca recensuit, Latine interpretatus est . . . F. Wimmer. *pp. xxviii, 547.* 8⁰. *Parisiis*, 1866.

Greek and Latin in parallel columns.

Theophrastus. [*Works.*]
Theophrasti Eresii libri de Historia et de Causis Plantarum, cum libellis plerisque physicis ex interpretatione T. Gazæ, A. Turnebi, S. Portii et D. Furlani, emendata et Græcis verbis . . . accommodata. Curavit J. G. Schneider. *pp. iv, 476.* 8⁰. *Lipsiæ*, 1821.

Theophrastus. [*Botanical Works.*]
Theophrasti Eresii de Historia Plantarum libri decem, Græce. Cum Syllabo generum et specierum, glossario, et notis. Curante J. Stackhouse. 2 Vol. 8⁰. *Oxonii*, 1813, 14.

Theophrastus. [*Botanical Works.*]
Theophrasti Eresii de Historia Plantarum libri decem, Græce et Latine; in quibus textum Græcum variis lectionibus emendationibus . . . cum notis . . . illustravit J. B. a Stapel . . . accesserunt J. C. Scaligeri . . . animadversiones et R. Constantini annotationes, *&c.* *pp.* [*xx*,] *1187* [*87*] : *text illust., engr. title.* fol. *Amstelodami*, 1644.

Theophrastus. [*Botanical Works.*]
Theophrasti de Causis Plantarum libri VI. T. Gaza interprete. *pp.* [*ix*,] *354* [*23*]. 8⁰. *Luteciæ*, 1529.

Theophrastus. [*Botanical Works.*]
Theophrasti . . . de Historia Plantarum libri IX. cum decimi principio : & de Causis, sive earum Generatione libri VI. T. Gaza interprete, *&c.* [Edited by J. Jordanus.] *pp.* [*lvi*,] *399* [*13*]. 8⁰. *Lugduni*, 1552.

Theophrastus. [*Botanical Works.*]
Dell' Historia delle Piante, di Theophrasto libri tre, tradutti . . . in lingua Italiana da M. A. Biondo, *&c.* [*pp. vi*,] *foll. 72.* 12⁰. *Vinegia*, 1549.

Theophrastus. [*Botanical Works.*]
Theophrast's Naturgeschichte der Gewächse. Uebersetzt und erläutert von K. Sprengel. 2 Thl. 8⁰. *Altona*, 1822.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Historia Plantarum et vires ex Dioscoride . . . Theophrasto & recentioribus Græcis, *&c.* *See* GESNER (C.) 12⁰. 1541.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Theophrasti sparse de Plantis sententiæ in continuatam seriem ad propria capita revocatæ nominaq. secundum literarum ordinem disposita, per C. Odonum . . . accesserunt disputationes dua, *&c.* *pp. 142, 27.* 4⁰. *Bononiæ*, 1561.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] J. C. Scaligeri . . . Commentarii et animadversiones in sex libros de Causis Plantarum Theophrasti, *&c.* *See* SCALIGER (J. C.). fol. 1566.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Animadversiones, sive observationes in libros de Historia et de Causis Plantarum Theophrasti, *&c.* *See* VIGNA (D.) 4⁰. 1625.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] The Calendar of Flora, *&c.* *See* STILLINGFLEET (B.) The Calendar of Flora, *&c.* 4⁰. 1761.

—— [Re-issue.] *See* LINNÆUS (C.) [*Theses & Orations.*] Miscellaneous Tracts relating to Natural History . . . Second edition, *&c.* 8⁰. 1762.

—— —— Fourth edition. 8⁰. 1791.
Reprinted in the "Literary Life and Select Works of B. Stillingfleet." Vol. II, 1811.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] J. J. P. Moldenhawer tentamen in Historiam Plantarum Theophrasti. *See* MOLDENHAWER (J. J. P.) 8⁰. 1791.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Illustrationes Theophrasti, (Catalogus alphabeticus Plantarum Theophrasti, *&c.*—Tabula systematica Linneana Plantarum Theophrasti. Lexicon Theophrasti), *&c.* *See* STACKHOUSE (J.) 8⁰. 1811.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Examen d'un ouvrage qui a pour titre: Illustrationes Theophrasti, in usum botanicorum præcipue peregrinantium, *&c.* *See* STACKHOUSE (J.) 8⁰. 1816.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Of the Grasses mentioned by Theophrastus [by J. Stackhouse, founded upon memoranda left by B. Stillingfleet]. *See* STILLINGFLEET (B.) Literary Life and Select Works, *&c.* Vol. II. 8⁰. 1811.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] De Libanoto, Smyrna, et Balsamo, Theophrasti notitiæ, *&c.* *See* STACKHOUSE (J.) 8⁰. 1814.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Extracts . . . respecting the Balsam and Myrrh Trees, illustrative of the Natural History of Theophrastus, *&c.* *See* STACKHOUSE (J.) 8⁰. 1815.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Dei libri di Teofrasto Eresio intorno alle Piante commentati da G. Hofman. Notizie di G. Montesanto. *See* MONTESANTO (G.) fol. 1822.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] Die botanischen Schriften des Theophrast von Eresos, *&c.* *See* KIRCHNER (E. O. O.) 8⁰. 1874.

Theophrastus. [*Botanical Works.*]
[*Appendix.*] De Theophrasti Eresii libris Phytologicis. Particula prima. Dissertatio inauguralis, *&c.* *See* KIRCHNER (E. O. O.) 8⁰. 1874.

Theophrastus. [*Mineralogical Works.*]
I. de Laet . . . de Gemmis et Lapidibus libri duo, quibus præmittitur Theophrasti liber De Lapidibus, Græce & Latine, *&c.* *See* BOODT (A. B. DE). Gemmarum et Lapidum historia . . . Tertia editio, *&c.* 8⁰. 1647.

Theophrastus. [*Mineralogical Works.*]
Θεοφραστου του Ἐρεσιου περι των λιθων βιβλιον. Theophrastus's History of Stones. With an English version, and . . . Notes, including the modern history of the Gems, &c. described . . . and of many other of the native fossils. By J. Hill. To which are added, Two letters: . . On the Colours of the Sapphire and Turquoise. And . . . Upon the effects of different menstruums on Copper, *&c.* *pp. xxiii, 211.* 8⁰. *London*, 1746.

—— Second edition. *pp. viii, 342 [45].* 8⁰. *London*, 1774.

Theophrastus. [*Zoological Works.*]
Theophrasto Collectanea quædam de Animalibus, *&c.* *See* ARISTOTLE. Ἀριστοτελους περι ζωων ἱστοριας βιβλια Κ. Aristotelis de Animalium Historia libri X, *&c.* 4⁰. 1587.

Theophrastus. [*Zoological Works.*]
De Piscibus in sicco viventibus: commentarius in libellum Theophrasti Eresii, *&c.* *See* SEVERINUS (M. A.) Antiperipatias, *&c.* fol. 1655 (1661).

Theophrastus. [*Appendix.*]
[De Latinis et Græcis nominibus arborum, fruticum, herbarum, piscium, & avium liber, ex . . . Theophrasto . . . & J. Ruellio, *&c.* *See* NAMES. 8⁰. 1536.]
Wanting.

—— Quarta æditio. 8⁰. 1554.

THEORIN (GUSTAF ROBERT ALFONS) [1841–1881]
Växtgeografisk skildring af södra Halland. Akademisk afhandling, *&c.* *pp. xvi, 32.* 8⁰. *Lund*, 1865.

THEORIN (PER GUSTAF EMANUEL) [1842–]
Iakttagelser rörande Öfverhudens Bihang hos Växterna. Akademisk afhandling, *&c.* *pp. 34 : 2 pls.* 8⁰. *Upsala*, 1866.

Theorin (P. G. E.) Om Växternas hår och yttre glandler. Några anmärkningar. *pp. 30 : 1 pl.* 8⁰. *Calmar*, 1867.

Theorin (P. G. E.) Om afsöndringen af Växtslem uti knopparna hos familjen Polygoneæ, Juss., *&c.* *pp. 39 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. X, no. 5. 4⁰. 1872.

Theorin (P. G. E.) Några rön om afsöndring af vätskor i växtens knoppar och från dess unga blad. *pp. 18 : 1 pl.* *See* GOTTENBURG.—GÖTHEBORGS KONGLIGA VETENSKAPS OCH VITTERHETS SAMHÄLLET. Handlingar. Ny Tidsföljd, Hft. XVI. 8⁰. 1878.

Theorin (P. G. E.) Nya bidrag till kännedomen om Växttrichomerna. *pp. 31 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. III, no. 5. 8⁰. 1904.

Theorin (P. G. E.) Tillägg till kännedomen om Växttrichomerna. *pp. 24 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik. Bd. IV, no. 18. 8⁰. 1905.

Theorin (P. G. E.) Undersökning af några växtarters Trichomer. *pp. 23 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VI, no. 6. 8⁰. 1906.

Theorin (P. G. E.) Anmärkningar om några växtarters Trichomer. *pp. 56 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VII, no. 9. 8⁰. 1908.

Theorin (P. G. E.) Om Trichomer. *pp. 80 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. IX, no. 3. 8⁰. 1909.

Theorin (P. G. E.) Mikrokemiska notiser om Trichomer. *pp. 44 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. X, no. 8. 8⁰. 1911.

THÉRIOT (IRÉNÉE) & **Cardot** (J.) The Mosses of Alaska. *See* WASHINGTON ACADEMY OF SCIENCES. Harriman Alaska Expedition, *&c.* Vol. V. 8⁰. 1904.

Thériot (I.) & **Monguillon** (E.) Muscinées du département de la Sarthe. 8⁰. *Le Mans*, 1899.
Bull. Soc. Agric. Sci. & Arts Sarthe. Fasc. 4, 1899, *pp. xvi, 89–216.*

—— Complément aux Muscinées . . . par . . . I. Thériot. *pp. 12 : 27 pls.* 8⁰. *Le Mans*, 1901.
Bull. Acad. Internat. Geogr. Botanique. Tom. x.

THÉRY (André) Revision des Buprestides de Madagascar. *pp. 186 : 7 pls.* 8⁰. *Paris*, 1905.

THÉTIS, *French Frigate.* Album pittoresque de . . . la Thétis et de . . . l'Espérance. Collection de Dessins relatifs à leur Voyage autour du monde en 1824–26, *&c. See* La Touanne (E. B. de) *Viscount.* fol. 1828.

Thétis, *French Frigate.* Journal de la navigation autour du globe de . . . la Thétis . . . pendant . . . 1824–26, *&c.* 2 Vol. & Atlas. *See* France. [*Voyages, &c.—Thétis & Espérance.*] 4⁰. & fol. 1837.

THEULIER (Henri) Du rôle de la Chlorophylle dans les Plantes et des remèdes à apporter à la Chlorose. *pp. vi, 46.* 8⁰. *Paris*, 1895.

THEVENIN (Armand) Étude Géologique de la bordure sud-ouest du massif central. *pp. 202 [1] : 4 pls., 2 maps (1 geol. col.), text illust. See* France.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Tom. xiv. 8⁰. 1903.

Thevenin (A.) Les plus anciens Quadrupèdes de France. *pp. 63 : 6 pls., text illust. See* Annales de Paléontologie, *&c.* Tom. v, fasc. 1 & 2. 4⁰. 1910.

THÉVENON (Alexandre J. B. H.) Essai sur la famille des Pipéracées et particulièrement sur l'emploi en médecine de quelques plantes de cette famille. Thèse, *&c. pp. 48.* 4⁰. *Strasbourg*, 1852.

THIBAUT DE CHANVALON (Jean Baptiste) *See* Chanvalon (J. B. T. de).

THIBEAUDEAU (Paul) La fabrication & décoloration du Diamant. Rubis scientifique et reconstitué. La crise actuelle. *pp. 59 : 1 text illust.* 8⁰. [*Paris*, 1909.]

THIBIERGE (Adolphe) & **Remilly** (É.) De l'amidon du Marron d'Inde, ou des fécules amylacées des végétaux non alimentaires . . . Deuxième édition. *pp. iii, 140 : 4 pls.* 8⁰. *Paris*, 1857.

THIÉBAUT-DE-BERNEAUD (Arsène) [1777–1850] Du Genêt, considéré sous le rapport de ses différentes espèces, de ses propriétés, *&c. pp. 92.* 8⁰. *Paris*, 1810.

Thiébaut-de-Berneaud (A.) Coup d'œil historique, agricole, botanique et pittoresque, sur le Monte Circello. *pp. 43.* 8⁰. *Paris*, 1814.

Thiébaut-de-Berneaud (A.) Dictionnaire classique d'Histoire Naturelle, par Messieurs Audouin . . . [A.] Thiébaut de Berneaud, *&c.* Vol. i & ii. *See* Bory de Saint-Vincent (J. B. G. M.) *Baron.* 8⁰. 1822.

Thiébaut-de-Berneaud (A.) Traité élémentaire de Botanique et de Physiologie Végétale, ou simples études sur les divers phénomènes que présentent les Plantes, *&c. pp. xii, 384.* Atlas, *36 pls. col.* 8⁰. *Paris & Amsterdam*, 1837.
Forming Vol. ii of the "Traité élémentaire d'Histoire Naturelle" by Martin Saint-Ange, Guérin, Thiébaut de Berneaud et Baudrimont.

THIEL (Dominik) [1833–1898] Geognostische Skizze der Umgegend von Komotau. *pp. 36.* 8⁰. *Brüx* [1870].
Jahres-Bericht über das Ober-Gymnasium zu Komotau.

THIEL (Hugo) [1839–] De radicum Plantarum quarundam ab agricolis præcipue cultarum directione et extensione. Dissertatio physiologica, *&c. pp. [iv,] 40.* 8⁰. *Bonnæ*, 1865.

THIEL (Julius) Beiträge zur Kenntniss der nutzbaren Mineralien des Bayerischen Waldes, mit specieller Berücksichtigung des Silberberges bei Bodenmais. Inaugural-Dissertation, *&c. pp. 28.* 8⁰. *Erlangen*, 1891.

THIELE (Johannes) Das Gebiss der Schnecken zur Begründung einer natürlichen Classification untersucht von . . . F. H. Troschel, fortgesetzt von . . . J. Thiele. Bd. ii, lief. 7 & 8. *See* Troschel (F. H.) 4⁰. 1891–93.

Thiele (J.) Studien über Pazifische Spongien. 2 Thl. *illust. See* Zoologica. Bibliotheca Zoologica, *&c.* Bd. x, hft. 24. 4⁰. 1898, 99.

Thiele (J.) *Proneomenia thulensis*, nov. spec. *See* Roemer (F.) & Schaudinn (F.) Fauna Arctica, *&c.* Bd. i, no. 3. 4⁰. 1900.

Thiele (J.) Beiträge zur Morphologie der Arguliden. *See* Berlin.—koenigliche friedrich-wilhelms-universitaet.—*Zoologische Sammlung.* Mitteilungen, *&c.* Bd. ii, hft. 4. 4⁰. 1904.

Thiele (J.) Ueber einige stieläugige Krebse von Messina. *See* Zoologische Jahrbuecher. Supplement-Band viii, *&c.* 8⁰. 1905.

Thiele (J.) Revision des Systems der Chitonen. *pp. 132 : 10 pls., text illust. See* Zoologica, *&c.* Bd. xxii, hft. 56. 4⁰. 1909, 10.

Thiele (J.) [Polyplacophora from south-western Australia.] *See* Michaelsen (W.) Die Fauna Südwest-Australiens, *&c.* Bd. iii, lief. 11. 8⁰. 1911.

Thiele (J.) Die Solenogastres der Russischen Polar-Expedition, 1900–03. *pp. 4 : 1 pl. (col.) See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xxx, no. 5. 4⁰. 1911.

Thiele (J.) Solenogastres. *pp. x, 57 : text illust. See* Leipsic.—deutsche zoologische gesellschaft. Das Tierreich, *&c.* Lief. 38. 8⁰. 1913.

THIELEMANN (Martin) Beiträge zur Kenntnis der Isopodenfauna Ostasiens. *pp. 109 : 2 pls., text illust. See* Munich.—koeniglich bayerische akademie der wissenschaften. Abhandlungen, *&c.* Supplement-Band ii, no. 3. 4⁰. 1910.
Also issued under wrapper dated 1911. Forms also Bd. ii, no. 3 of "Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von . . . F. Doflein."

THIELENS (Armand) Flore Médicale Belge. *pp. iii, 335.* 8⁰. *Bruxelles, &c.*, 1862.

Thielens (A.) Acquisitions de la Flore Belge depuis la création de la Société Royale de Botanique jusque et y compris l'année 1868 (—Deuxième fascicule, comprenant les années 1869–72). 2 Pt. 8⁰. *Mons (Gand)*, 1870–74.
Fasc. 1 is from "Mém. Soc. Sci. Hainault. Mons." Sér. III, tom. v.
Fasc. 2 is from "Bull. Soc. roy. Bot. Belgique." Tom. xii.

Thielens (A.) Les Orchidées de la Belgique et du Grand-Duché de Luxembourg. *pp. 87.* 8⁰. *Gand*, 1873.
Bull. Soc. roy. Bot. Belgique. Tom. xii.

THIELMANN (Max Guido Franz von) *Baron* [1846–] Vier Wege durch Amerika. *pp. xiv, 584 : 18 pls., 3 maps.* 8⁰. *Leipzig*, 1879.

THIEME (Friedrich Wilhelm) Thieme-Preusser : A new and complete critical Dictionary of the English and German Languages. New . . . edition, *&c.* eng.-germ. & germ.-eng. 2 Vol. [in 1.] 8⁰. *Hamburg* (1859).

THIENEMANN (Friedrich August Ludwig) [1793–1858] Reise im Norden Europa's vorzüglich in Island in . . . 1820 bis 1821 angestellt von F. A. L. Thienemann . . . und G. B. Günther, *&c.* 2 Abth. [in 1 Vol.] 8⁰. & obl. 4⁰. *Leipzig*, 1824–27.

Abth. I has a second title, which reads:—"Naturhistorische Bemerkungen," *&c.*

Thienemann (F. A. L.) Systematische Darstellung der Fortpflanzung der Vögel Europa's mit Abbildung der Eier. Im Vereine mit L. Brehm . . . G. A. W. Thienemann . . . herausgegeben von F. A. L. Thienemann. 5 Abth. [in 1 Vol.] *illust. col.* 4⁰. *Leipzig*, 1825–38.

Thienemann (F. A. L.) Einhundert Tafeln colorirter Abbildungen von Vögeleieren. Zur Fortpflanzungsgeschichte der gesammten Vögel. *pp. xvii* [*ii*,] *432.* Atlas, *100 pls. col.* 4⁰. (*Leipzig*,) 1845–54 [–56].

The title on the wrapper reads:—"Fortpflanzungsgeschichte der gesammten Vögel nach dem gegenwärtigen Standpunkte der Wissenschaft." The text ends abruptly, but no more was issued. (Note from Publisher.)

The work was issued in ten parts, as follows (*Cf.* Kayser's "Index Librorum," "Arch. f. Naturg.," and original wrappers to parts 4–7 & 9):—Hft. 1, *pp. 1–48: pls. i–x*, in 1845; hft. 2, *pp. 49–96: pls. xi–xx*, 1846; hft. 3, *pp. 97–144: pls. xxi–xxx*, 1848; hft. 4, *pp. 145–192: pls. xxxi–xl*, 1849; hft. 5, *pp. 193–240: pls. xli–l*, 1850; hft. 6, *pp. 241–288: pls. li–lx*, 1850; hft. 7, *pp. 289–336: pls. lxi–lxx*, 1851; hft. 8, *pp. 337–376: pls. lxxi–lxxx*, 1852; hft. 9, *pp. 377–432: pls. lxxxi–xc*, 1852; hft. 10, *pp. i–xx: pls. xci–c*, 1856.

Thienemann (F. A. L.) *See* Rhea. Zeitschrift für die gesammte Ornithologie . . . herausgegeben von . . . F. A. L. Thienemann. Hft. 1 & 2.† 8⁰. 1846–49.

THIENEMANN (Georg August Wilhelm) [1781–1863] Systematische Darstellung der Fortpflanzung der Vögel Europa's . . . Im Vereine mit . . . G. A. W. Thienemann, *&c.* 5 Abth. *See* Thienemann (F. A. L.) 4⁰. 1825–38.

THIERGARTEN, *Der.* Allgemeine Deutsche Monatsschrift für Kunde . . . der Thiere, mit besonderer Rücksicht auf die Verbesserung unserer gegenwärtigen Hausthiere und Heranbildung neuer . . . Herausgegeben von . . . D. F. Weinland. Jahrg. I. 8⁰. *Stuttgart*, 1864.

THIERRY (Armand) Causerie sur les Champignons comestibles, *&c. pp. 23.* 8⁰. *Troyes*, 1878.

THIERSANT (Pierre Dabry de) *See* Dabry de Thiersant.

THIÉRY (P.) Note sur l'Infralias de Provenchères-sur-Meuse. Stratigraphie, par P. Thiéry . . . Vertébrés, par . . . H. E. Sauvage . . . Gastropodes & Pélécypodes, par M. Cossmann. *pp. 36: 3 pls., 1 map.* 8⁰. *Chaumont*, 1907.

Thiéry (P.) & **Cossmann** (A. É. M.) Note sur le Callovien de la Haute-Marne, et spécialement sur un gisement situé dans la commune de Bricon, *&c. pp. 79: 3 pls., text illust.* 8⁰. *Vesoul*, 1907.

Bull. Soc. Agric. Lettres, Sci. & Arts Haute-Saône. Vesoul, 1907.

THIÉRY DE MENONVILLE (Nicolas Joseph) [1739–1780] Traité de la culture du Nopal, et de l'éducation de la Cochenille dans les colonies Françaises de l'Amérique; précédé d'un voyage à Guaxaca, *&c.* (Supplément, *&c.*) *pp. cxliv, 439 (94): 4 pls. col.* 8⁰. *Cap-Français, &c.*, 1787.

Thiéry de Menonville (N. J.) Travels to Guaxaca, *&c. See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. XIII. 4⁰. 1812.

THIÈS, *Senegal.—Jardin d'Essai.* Catalogue des Graines (Oignons, Rhizomes et Tubercules du Sénégal) offerts en échange . . . année 1895. [By A. Sébire, Director.] *pp. 15.* 8⁰. *Saint-Louis* [*Senegal*], 1895.

THIES (J. Schniewind) *See* Schniewind-Thies (J.)

THIEULLEN (A.) Les Pierres Figures à retouches intentionnelles à l'époque du creusement des vallées. *pp. 32.* 4⁰. *Paris*, 1900.

Thieullen (A.) Études Préhistoriques.—Le Préchelléen en Belgique (un nouveau critérium). *pp. 16.* 4⁰. *Paris*, 1902.

Thieullen (A.) Études Préhistoriques. Éolithes et autres Silex taillés. *pp. 20: 4 pls., text illust.* 4⁰. *Paris*, 1905.

THILENIUS (Georg) [1868–] Ethnographische Ergebnisse aus Melanesien. 2 Thl. *pp. 364: 23 pls., 2 maps, text illust. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Bd. LXXX, no. 1 & 2. 4⁰. 1902–03.

THILO (Isaac) Dissertatio physico-historica de Succino Borussorum, *&c. pp. 34.* 4⁰. *Lipsiæ* [1663].

THILO (Johann Gottfried) Flora Francica rediviva, oder Kräuter-Lexicon . . . übersetzt, und . . . vermehret von D. J. G. Thilo . . . Dritte Auflage. *See* Franck von Franckenau (G.) 8⁰. 1728.

THIOLLIÈRE (Victor Joseph de l'Isle) [1801–1859] Sur un nouveau gisement de Poissons fossiles dans le Jura du département de l'Ain. *See* Lyons.—Société d'agriculture, sciences, *&c.* Annales, *&c.* Sér. II, tom. I, pp. 43–66. (Postscript, pp. xcii–xciv.) 8⁰. 1849.

—— Seconde Notice . . . comprenant la description de deux Reptiles inédits [*Atoposaurus Jourdani* and *Sapheosaurus Thiollierei*] provenant de ces couches, par . . . H. de Meyer. *pp. 80: 2 pls. col.* 8⁰. *Lyon*, 1851.

Ann. Soc. Agric. Lyon. Sér. II, tom. III. LARGE-PAPER copy.

The "Troisième Notice," *op. cit.* Sér. II, tom. IV, was reprinted, with additional matter, to form the first part of the author's "Description des Poissons fossiles," *&c.* [*q.v.* infra].

Thiollière (V. J. de l'I.) Description des Poissons fossiles provenant des gisements Coralliens du Jura dans le Bugey . . . Avec des figures . . . pour faire suite à l'Atlas des "Recherches sur les Poissons fossiles," par M. Agassiz. (—Seconde livraison, revue et annotée par M. P. Gervais . . . Notice sur les Plantes fossiles . . . par le conte G. de Saporta. Note sur les terrains subordonnés . . . par MM. A. Falsun et E. Dumortier.) 2 Pt. *illust. col.* fol. *Paris, &c.*, 1854, 73.

Reprinted in double column, with additions, from the "Ann. Soc. Agric. Lyon," Sér. II, tom. IV, and Sér. IV, tom. V.

THIRIAT (Xavier) [1835–] La Vallée de Cleurie: statistique, topographie, histoire, mœurs et idiomes des communes du Syndicat de St-Amé, de Laforge, de Cleurie et de quelques localités voisines, canton de Remiremont (Vosges). *pp. vi, 458: 1 map.* 12⁰. *Mirecourt & Remiremont*, 1869.

THIRRIA (Charles Édouard) [1796–1868] Notice sur le terrain Jurassique du département de la Haute-Saône, et sur quelques-unes des Grottes qu'il renferme, *&c. pp. 62: 1 pl. See* Nancy.—Société des sciences. Mémoires, *&c.* Tom. I, livr. 1. 4⁰. 1830.

Thirria (C. É.) Carte Géologique du département de la Haute-Saône, *&c. pp. 16, 1 pl. col., 1 map geol. col. See* Nancy.—Société des sciences. Mémoires, *&c.* Tom. I, livr. 2. 4⁰. 1833.

Thirria (C. É.) Statistique Minéralogique et Géologique du département de la Haute-Saône. *pp. xxxi, 465* [*1*]: *1 pl. col., 1 map geol. col.* 8⁰. *Besançon*, 1833.

THIRSK NATURAL HISTORY SOCIETY:—Botanical Exchange Club. *See* Botanical Exchange Club of the British Isles.

THIRY (GEORGES) [1870-] Bacille polychrome et Actinomyces mordoré, *&c.* *pp.* [*iv*,] *viii*, *152* [*2*]: *7 pls.* (*col.*) 8⁰. *Paris*, 1900.
Travaux Lab. Hyg. & Instit. Sérothérapique Univ. Nancy.

THISTLETON-DYER (WILLIAM TURNER) *See* DYER (W. T. T.)

THOLÉR (E. T.) Examen classis Gynandriæ . . . p. p. E. T. Tholér, *&c.* *See* THUNBERG (C. P.) 4⁰. [1824.]

THOMAE (CARL) [1808-1885] Der vulkanische Roderberg bei Bonn; geognostische Beschreibung seines Kraters und seiner Umgebungen . . . Mit einem Vorworte von . . . J. Nöggerath. *pp. 58 : 4 pls.* 8⁰. *Bonn*, 1835.

Thomae (CARL) Geschichte des Vereins für Naturkunde im Herzogthum Nassau und des Naturhistorischen Museums zu Wiesbaden, *&c.* *pp. viii, 198.* *See* WIESBADEN.—NASSAUISCHER VEREIN FUER NATURKUNDE. 8⁰. 1842.

THOMAE (CHRISTIANUS) [1693-] Dissertatio inauguralis medica de Papavere erratico, quam . . . sub præsidio . . . J. A. Fischeri . . . subjiciet auctor, *&c.* *pp. 28.* 4⁰. *Erfordiæ* [1718].

THOMANN (A.) Synopsis der in der Umgebung von Krems wildwachsenden Phanerogamen, *&c.* *pp. 25.* 4⁰. *Krems*, 1859.
Prog. Jahresb. k. k. Gymn. Krems.

THOMANN (JULIUS) Untersuchungen über den gegenwärtigen Stand der Frage der Verunreinigung der Limmat durch die Abwässer der Stadt Zürich. Inaugural-Dissertation, *&c.* *pp. 39 : 1 map.* 8⁰. *Leipzig*, 1900.
Zeitschrift für Hygiene & Infections-Krankheiten. 1900. Bd. XXXIII.

THOMAS (ALGERNON PHILLIPS WITHIEL) Report on the eruption of Tarawera and Rotomahana, N.Z. *See* NEW ZEALAND. 8⁰. 1888.

THOMAS (B. WALDEN) & **Woodward** (A.) On the Foraminifera of the Boulder-Clay, taken from a well-shaft . . . Meeker County, Central Minnesota. *See* MINNESOTA, *State of.*—*Geological and Natural History Survey.* Annual Reports, *&c.* No. 13. 8⁰. 1885.

THOMAS (C. NEUMANN) Plan of the Division of East London, British Kaffraria, *&c.* [Scale 1 in. = 1 m. about.] *See* EAST LONDON. [*Map.*] s.sh. [ ]

Thomas (C. N.) [Map of the] Division of King William's Town, *&c.* [Scale 1 in. = 1 m. about.] 9 sh. *See* KING WILLIAM'S TOWN. [*Map.*] [ ]

THOMAS (CYRUS) [1825-] Synopsis of the Acrididæ of North America. *pp. x, 262 : 1 pl., text illust.* *See* UNITED STATES.—*Geological and Geographical Survey of the Territories.* Report, *&c.* Vol. v. 4⁰. 1873.

Thomas (CYRUS) Report upon the collections of Orthoptera made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona during . . . 1871-74. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v. 4⁰. 1875.

Thomas (CYRUS) The Chinch-Bug. Its history, characters and habits, and the means of destroying it, or counteracting its injuries. *pp. 44 : 1 map, text illust.* *See* UNITED STATES.—*Entomological Commission.* Bulletin No. 5. 8⁰. 1879.

Thomas (CYRUS)
[For various reports on Orthoptera] *See* UNITED STATES.—*Geological and Geographical Survey of the Territories.*
[For official publications as State Entomologist] *See* ILLINOIS, *State of.*

THOMAS (DAVID ALFRED) [1856-] The growth and direction of our foreign trade in Coal during the last half century. *pp. 102 : 1 pl., 1 map, text illust.* 8⁰. [*London*,] 1903.
Royal Statistical Society's Journal, Sept. 1903.

THOMAS (EMMANUEL) [1788-1859] Catalogue des Plantes Suisses et des Coquilles terrestres et fluviatiles qui se vendent chez E. Thomas. *pp. 38.* 8⁰. *Bex*, 1818.

—— [Another edition of the portion relating to the Plants.] *pp. 1-24, 43-49.* 8⁰. *Lausanne*, 1837.
The pagination is erroneous: the text is complete.

—— Supplément, *&c.* *1 p.* 8⁰. [*Lausanne ?*] 1842.

THOMAS (FERDINAND) The Willesden Year Book . . . 1897, edited by F. Thomas. *pp. 48.* 8⁰. *Willesden*, 1897.
Contains:—
"A lost Field." By F. A. Walker.
"Notes on the Geology of the neighbourhood of Willesden."

THOMAS (FRIEDRICH AUGUST WILHELM) [1840-] De foliorum frondosorum Coniferarum structura anatomica. Dissertatio inauguralis, *&c.* *pp. 38.* 8⁰. *Berolini*, 1863.

Thomas (FRIEDRICH A. W.) Beschreibung neuer oder minder gekannter Acarocecidien (*Phytoptus - Gallen*). *pp. 36 : 3 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXVIII, no. 2. 4⁰. 1876.

Thomas (FRIEDRICH A. W.) Ueber *Phytoptus*, Duj., und eine grössere Anzahl neuer oder wenig gekannter Missbildungen, welche diese Milbe an Pflanzen hervorbringt. *pp. 22 : 1 pl.* 4⁰. *Gotha*, 1889.
Program Realsch. & Progymn. Ohrdruf.

Thomas (FRIEDRICH A. W.) Verzeichnis der Schriften über Deutsche Zoocecidien und Cecidozoen bis einschliesslich 1906. *See* ZOOLOGICA, *&c.* Bd. XXIV, lief. 1. 4⁰. 1911.

THOMAS (H.) Contribution à la Géologie du département de l'Oise. Notice de la Carte Géologique de Beauvais. *pp. 30 : text illust.* *See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* Tom. III, no. 23. 8⁰. 1891.

THOMAS (HENRY SULLIVAN) The Rod in India, being hints how to obtain Sport, with remarks on the natural history of Fish, Otters, *&c.* *pp. xxiii, 319 : 4 pls., text illust.* 4⁰. *Mangalore, &c.*, 1873.

Thomas (HENRY S.) A Report on Pearl Fisheries and Chank Fisheries, 1884. *See* MADRAS, *Presidency.* fol. 1884.

Thomas (HENRY S.) The Pearl Oyster of the Gulf of Manaar: *Avicula* (*Meleagrina*) *fucata.* *pp. 27.* 8⁰. [*Madras*, 1887.]
Madras Journ. Lit. & Sci. 1886-7.

THOMAS (HERBERT HENRY) & **MacAlister** (D. A.) The Geology of Ore Deposits. *pp. xi, 416 : text illust.* 8⁰. *London*, 1909.
Forming a volume of "Arnold's Geological Series." General editor: J. E. Marr.

Thomas (Herbert H.) & **others.** The country around Ammanford, *&c.* *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. vii. 8⁰. 1907.

THOMAS (Hugh Hamshaw) Yurskaya Flora Kamenki, v Izyumskom uyezdye.—The Jurassic Flora of Kamenka, in the district of Isium. *pp.* [*i,*] *95 : 8 pls., text illust.* *See* Russia.—comité géologique, *&c.* Trudui, *&c.* Novaya Seriya, Vuip. 71. 4⁰. 1911.

Thomas (Hugh H.) & **Seward** (A. C.) Yurskiya Rasteniya iz Balaghanskagho uyezda, Irkutskoĭ ghuberniĭ.—Jurassic Plants from the Balagansk district, government of Irkutsk. *pp. 21* [*2*] *: 3 pls., text illust.* *See* Russia.—comité géologique, *&c.* Trudui, *&c.* Novaya Seriya, Vuip. 73. 4⁰. 1911.

THOMAS (Julian) Illustrated Handbook of Victoria, Australia. (Victoria. By J. Thomas.) *See* London.—*Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

THOMAS (Michael Rogers Oldfield) [1858–] [On Human Skulls from Melanesia.] *See* British Museum (Natural History). *Zoology.* [*General.*] Report on the Zoological Collections made . . . during the voyage of H.M.S. 'Alert,' 1881–82. 8⁰. 1884.

Thomas (M. R. O.) List of Mammals obtained and observed on Mount Kilima-njaro and its vicinity. *See* Johnston (*Sir* H. H.) *G.C.M.G.* The Kilima-njaro Expedition, *&c.* Chap. xviii, Appendix. 8⁰. 1886 [*i.e.* 1885].

Thomas (M. R. O.) Catalogue of the Marsupialia and Monotremata in the . . . British Museum. *See* British Museum (Natural History). *Zoology.* [*Mammalia.*] 8⁰. 1888.

Thomas (M. R. O.) Notes on the rodent genus *Heterocephalus.* *See* James (F. L.) The Unknown Horn of Africa, *&c.* Appendix. 8⁰. 1888.

Thomas (M. R. O.) [Mammalia from the Transvaal.] *See* Distant (W. L.) A Naturalist in the Transvaal. Appendix. 8⁰. 1892.

Thomas (M. R. O.) A descriptive account of the Mammals of Borneo. [With a preface by M. R. O. Thomas.] *See* Hose (C.) 8⁰. 1893.

Thomas (M. R. O.) On the Mammals of Mount Kina Balu. *See* Whitehead (J.) Exploration of Mount Kina Balu, North Borneo. Appendix 1. 4⁰. 1893.

Thomas (M. R. O.) [List of Mammalia from East Africa.] *See* Gregory (J. W.) The Great Rift Valley, *&c.* Appendix b. 8⁰. 1896.

Thomas (M. R. O.) Report on Animal Mummies. *See* Petrie (W. M. F.) Dendereh, *&c.* 4⁰. 1900.

Thomas (M. R. O.) List of the Mammals known to occur in the Uganda Protectorate. *See* Johnston (*Sir* H. H.) *G.C.M.G.* The Uganda Protectorate, *&c.* Vol. i. 8⁰. 1902.

Thomas (M. R. O.) On a new form of Puma from Patagonia. *See* Prichard (H. H.) Through the Heart of Patagonia, *&c.* Appendix b. 8⁰. 1902.

Thomas (M. R. O.) & **Sclater** (P. L.) The Book of Antelopes. 4 Vol. *See* Sclater (P. L.) & Thomas (M. R. O.) 4⁰. 1894–1900.

THOMAS (Philippe Étienne) [1843–1910] Recherches Stratigraphiques et Paléontologiques sur quelques formations d'eau douce de l'Algérie. *pp. 51, 2 tabs. : 4 pls.* *See* Paris.—société géologique de france. Mémoires, *&c.* Sér. III, tom. iii, no. 2. 4⁰. 1884.

Thomas (P. É.) Description des . . . Fossiles recueillis en 1885 et 1886 dans . . . la Tunisie, par M. P. Thomas, *&c.* (Illustrations, *&c.*) *See* France. [*Voyages, &c.—Tunis.*] Exploration scientifique de la Tunisie. Paléontologie. 8⁰. & fol. 1889–1904.

THOMAS (Thomas Henry) [Zoology, Botany and Geology of Cardiff.] *See* James (I.) Handbook for Cardiff, *&c.* 8⁰. 1891.

Thomas (T. H.) Our Museum : what it might be if—. By J. Ward . . . To which is added a letter from T. H. Thomas . . . upon the movement for a Welsh National Museum. *See* Ward (J.) *F.S.A.* 12⁰. [1904.]

THOMAS CORWIN, *U.S. Revenue Steamer.* Report of the Cruise of the . . . Thomas Corwin in the Arctic Ocean, *&c.* *See* United States. 4⁰. 1885.

THOMASIUS (Jacobus) [1622–1684] De Mandragora, disputatio philologica . . . præsidium . . . conferente . . . J. Thomasio, 1655 . . . Examini . . . commissa a J. Schmidelio . . . Nunc recussa & aucta anno 1671. [*pp. 23.*] 4⁰. *Lipsiæ*, 1671.

Thomasius (J.) Dissertatio philosophica, de hibernaculis Hirundinum, oder von der Schwalben Winter-Qvartier, quam . . . sub præsidio . . . J. Thomasii . . . subjecit C. Schmidichen . . . Editio tertia. *pp. 32.* 4⁰. *Lipsiæ*, 1702.

THOMASSY (Marie Joseph Raymond) Géologie pratique de la Louisiane. *pp. lviii, 263 : 6 pls.* 4⁰. *Nouvelle-Orléans & Paris*, 1860.
Arch. Scient. Marine.

THOMÉ (Otto Wilhelm) [1841–] De Cicutæ virosæ, L., rhizomatis et radicis anatomia, qua in re imprimis fascium vasorum incrementa quomodo capiantur respiciuntur. Dissertatio botanica, *&c.* *pp. 34.* 8⁰. *Bonnæ*, 1862.

Thomé (O. W.) [Lehrbuch der Botanik, *&c.* 8⁰. *Braunschweig*, 1869.]
Wanting.

—— Sechste . . . Auflage. *pp. xii, 384 : 1 map, text illust.* 8⁰. *Braunschweig*, 1883.

Thomé (O. W.) Text-Book of Structural and Physiological Botany . . . translated and edited by A. W. Bennett . . . Fourth edition. *pp. xv, 479 : text illust.* 8⁰. *London*, 1882.
Text Books of Science.

Thomé (O. W.) Das Gesetz der vermiedenen Selbstbefruchtung bei den höheren Pflanzen. *pp. 46 : text illust.* 8⁰. *Cöln & Leipzig*, 1870.

Thomé (O. W.) Prof. . . . Thomé's Flora von Deutschland, Oesterreich und der Schweiz in Wort und Bild (. . . Bd. v, Kryptogamen Flora . . . herausgegeben von . . . W. Migula), *&c.* Bd. i→ *illust.* 8⁰. *Gera*, 1886→

THOMPSON (Beeby) [1848–] The Middle Lias of Northamptonshire, *&c.* *pp. 149 : 2 pls.* 8⁰. *London & Birmingham*, 1888.
Reprinted from the "Midland Naturalist."

THOMPSON (Charles Henry) [1870–] Ornamental Cacti : their culture and decorative value. *pp. 24 : 18 pls. back to back.* *See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 262. 8⁰. 1912.

THOMPSON (D'Arcy Wentworth) [1860–] The Fertilisation of Flowers . . . Translated and edited by D'Arcy W. Thompson, *&c.* *See* Mueller (H.) *Botanist.* 8⁰. 1883.

Thompson (D'A. W.) The Hydroid Zoophytes of the "Willem Barents" Expedition, 1881. *pp. 10 : 1 pl.* *See* Amsterdam. — koninklijk zoologisch genootschap "natura artis magistra." Bijdragen tot de Dierkunde. Aflev. 10. 4⁰. 1884.

Thompson (D'A. W.) A Bibliography of Protozoa, Sponges, Cœlenterata, and Worms, including also the Polyzoa, Brachiopoda and Tunicata, for the years 1861–1883. *pp. viii, 284.* 8⁰. *Cambridge*, 1885.

Thompson (D'A. W.) The Hydroida of the Vega expedition. *See* Nordenskiöld (N. A. E. von) Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. iv. 8⁰. 1887.

Thompson (D'A. W.) [For Biological papers written and edited as Professor of Zoology] *See* Dundee.—university college. Studies from the Museum of Zoology, *&c.* Vol. i.† 4⁰. 1883–90.

Thompson (D'A. W.) Report by . . . D'Arcy Thompson on his mission to Behring Sea in 1896, *&c.* *See* Great Britain & Ireland.—*Foreign Office.* 4⁰. 1897.

Thompson (D'A. W.) Despatch from . . . D'Arcy Thompson, forwarding a Report on his mission to Behring Sea in 1897. *See* Great Britain & Ireland. —*Foreign Office.* 4⁰. 1898.

Thompson (D'A. W.) Kerguelen Island : an introduction to Antarctic Zoology. *See* Royal Geographical Society. The Antarctic Manual for the use of the Expedition of 1901, *&c.* 8⁰. 1901.

Thompson (D'A. W.) Pycnogonida. *See* Harmer (S. F.) The Cambridge Natural History, *&c.* Vol. iv. 8⁰. 1909.

THOMPSON (*Sir* Edward Maunde) *G.C.B.* [1840–] Diary of R. Cocks, Cape-Merchant in the English Factory in Japan, 1615–1622 . . . Edited by E. M. Thompson. 2 Vol. *See* Hakluyt Society. Works, *&c.* No. 66 & 67. 8⁰. 1883.

THOMPSON (Edward Pett) The Note-book of a Naturalist. *pp. xii, 275.* 12⁰. *London*, 1845.

THOMPSON (George Fayette) The Angora Goat. *pp. 47 : text illust.* *See* United States.—*Department of Agriculture.* Farmers' Bulletin No. 137. 8⁰. 1901.

THOMPSON (H. D.) Report on the Plants [of Lake Michigan]. *See* Michigan, *State of.*—*Michigan Fish Commission.* Bulletin, *&c.* No. 6, Append. 1. 8⁰. 1896.

THOMPSON (Harold Stuart) [1870–] Alpine Plants of Europe, together with cultural hints. *pp. xv [i,] 274 : 64 pls. col., 1 map, text illust.* 8⁰. *London & New York* [1911].

Thompson (Harold S.) Sub-Alpine Plants, or Flowers of the Swiss woods and meadows. *pp. xv, 325 : 33 pls. col.* 8⁰. *London & New York*, 1912.

THOMPSON (Henry) *M.R.C.V.S.* Rot or Fluke, and Louping-ill in Sheep, with the use of Salt as a preventative . . . Third edition. *pp. 40.* 8⁰. *Whitehaven*, 1882.

The first edition appeared in 1881 ?

THOMPSON (*Sir* Henry) *Bart.* [1820–1904] Fish as Food. *See* London.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1883.

THOMPSON (Isaac Cooke) [1843–1903] & **Scott** (A.) Report on the Copepoda collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report to the Government of Ceylon on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Supplementary Reports. No. 7. 4⁰. 1903.

THOMPSON (Jacobus) Tentamen inaugurale de quibusdam Plantis medicinalibus, et earum succedaneis, *&c.* *pp. [iv,] 31.* 8⁰. *Edinburgi*, 1824.

THOMPSON (James Maurice) [1844–] [For official publications as State Geologist] *See* Indiana, *State of.* —*Department of Geology and Natural Resources.*

THOMPSON (John Vaughan) [1779–1847] A Catalogue of Plants growing in the vicinity of Berwick upon Tweed. *pp. xxiv, 132 : 1 pl. (col.), engr. title.* 8⁰. *London*, 1807.

Thompson (John V.) Memoir on the *Pentacrinus Europæus* : a recent species discovered in the Cove of Cork . . . 1823. *pp. 12 : 2 pls.* 4⁰. *Cork, &c.*, 1827.

Thompson (John V.) Zoological Researches, and illustrations ; or natural history of nondescript or imperfectly known Animals, in a series of memoirs. Vol. i, mem. 1–6. *pp. 110 : 19 pls.* 4⁰. *Cork, &c.* [1828–34.]

Wanting the covering title, and pl. vi of Memoir 6.

Mem. 1. On the metamorphoses of the Crustacea, and on Zoëa . . . demonstrating that they are . . . the larva of Crustacea. [1828.]
,, 2. On the genus *Mysis*, or Opossum Shrimp. [1829.]
,, 3. On the luminosity of the Ocean, with descriptions of some remarkable species of Luminous Animals (*Pyrosoma pigmæa* and *Sapphirina indicator*), and particularly of the four new genera, *Nocticula* [sic], *Cynthia*, *Lucifer* and *Podopsis*, of the Shizopodæ [*sic*]. (Addenda to Memoir 1. Addendum to Memoir 2.) [1830.]
,, 4. On the Cirripedes, or Barnacles ; demonstrating . . . the class of Animals to which they . . . belong. (Addendum on *Nebalia.*) [1830.]
,, 5. On Polyzoa, a new animal discovered as an inhabitant of some Zoophites [*sic*]. — With a description of the newly instituted genera of *Pedicellaria* and *Vesicularia*, and their species. [1830.]
,, 6. Developement of *Artemis salinus*, or Brine Shrimp ; demonstrative of its relationship to *Branchipus* . . . With a new species of *Artemis* and of *Apus*. [1834.]

The dates of publication have been taken from notices in the "Phil. Mag.," N.S., iv, 1828 ; in Férussac's "Bull. univ. Sci.," 1828–30 ; and "Mag. Nat. Hist.," vii, 1834. (C. D. Sherborn : Index Anim. MS.)

THOMPSON (Lindsay G.) History of the Fisheries of New South Wales, *&c.* *See* New South Wales. 8⁰. 1893.

THOMPSON (Richard Horatio Ely) Report on Insects destructive to Woods and Forests. *See* India. —*North Western Provinces and Oudh.* Selections from the Records of Government, *&c.* Ser. ii, vol. i, no. 4. 8⁰. 1868.

The plates are paged in with the text.

—— [Another issue.] *pp. 45, 7 pls.* 8⁰. *Allahabad*, 1868.

With 10 photographs, from which the Insects on the plates were drawn.

THOMPSON (William) *Bird Fancier.* The new and complete Bird-Fancier . . . Containing . . . instructions for catching . . . rearing, &c. all the . . . Song-Birds . . . The whole revised . . . by . . . W. Thompson, *&c.* *pp. 59 : 1 pl.* 12⁰. *London* [*c.* 1800].

Thompson (William) *Bird Fancier.* The new and complete Pigeon-fancier . . . A new edition, revised . . . by . . . W. Thompson, *&c.* *See* Girton (D.) 12⁰. [*c.* 1805.]

THOMPSON (William) *Botanist* [1823–1903] *See* English Flower Garden, *The*, a monthly magazine . . . By W. Thompson. Vol. i & ii.† 4⁰. [1851–] 1852–53.

THOMPSON (William) *of Belfast* [1805–1852] Catalogue of the Land and Freshwater Mollusca of Ireland. *pp. 50.* 8⁰. [*London,*] 1840.

Ann. & Mag. Nat. Hist. 1840.

Thompson (WILLIAM) *of Belfast.* Report on the Fauna of Ireland: Div. Vertebrata (— Div. Invertebrata), *&c.* 2 Pt. 8⁰. *London*, 1841, 44.
Repts. Brit. Assoc. 1840 (1841) and 1843 (1844).

Thompson (WILLIAM) *of Belfast.* The Natural History of Ireland. [Vol. IV edited, owing to the decease of the author, by J. R. Garrett, R. Patterson and G. Dickie.] 4 Vol. *1 port.* 8⁰. *London*, 1849-56.

THOMPSON (ZADOCK) [1796-1856] History of Vermont, natural . . . and statistical, *&c.* 3 Pt. *illust.* 8⁰. *Burlington* [*Vt.*], 1842.
Pt. I is devoted to the Natural History; the Mollusca were done by C. B. Adams, and there is a "Catalogue of Vermont Plants" by W. Oakes.

THOMS (HERMANN FRIEDRICH MARIA) [1859-] Einführung in die praktische Nahrungsmittelchemie . . . Mit einem Anhange botanisch-mikroskopischer Teil bearbeitet von . . . E. Gilg. *pp. viii, 415: text illust.* 8⁰. *Leipzig*, 1899.

THOMSEN (CARL AUGUST) [1834-1894] *See* TIDSSKRIFT FOR PHYSIK OG CHEMI . . . Udgivet af A. Thomsen. Aarg. I—Ræk. III, bd. III. 8⁰. 1862-94.

THOMSEN (HANS PETER JÖRGEN JULIUS) [1826-1909] *See* TIDSSKRIFT FOR PHYSIK OG CHEMI . . . Udgivet af . . . J. Thomsen. Aarg. I-XVII. 8⁰. 1862-78.

Thomsen (H. P. J. J.) Systematisk gennemførte termokemiske Undersøgelsers numeriske og teoretiske Resultater. *pp. xii, 472.* 8⁰. *København*, 1905.

THOMSON (ALEXANDER GORDON MILNE) The position of the Old Red Sandstone in the geological succession. *pp. vi, 224.* 8⁰. *Dundee*, 1903.
Privately printed.

THOMSON (ALLEN) [1809-1884] Ovum. *pp. 142: text illust.* 8⁰. [*London*, 1859.]
Cyclopædia of Anatomy and Physiology. Vol. V.

Thomson (ALLEN) Quain's Elements of Anatomy. Edited by A. Thomson . . . Ninth edition. 2 Vol. *See* QUAIN (J.) 8⁰. 1882.

THOMSON (ANTHONY TODD) [1778-1849] Syllabus of a course of lectures on Botany. *pp. 12.* 12⁰. *Chelsea*, 1813.

Thomson (ANTHONY T.) Lectures on the Elements of Botany. Part I containing the descriptive anatomy of those organs, on which the growth and preservation of the vegetable depend. Vol. I.† *pp. xxiii, 688 [20]: 10 pls., text illust.* 8⁰. *London*, 1822.

THOMSON (ARTHUR SAUNDERS) [-1860] The Story of New Zealand: past and present, savage and civilized. 2 Vol. *illust.* 8⁰. *London*, 1859.
There is a good bibliography at the end of Vol. II.

THOMSON (BASIL) [1861-] The Discovery of the Solomon Islands by Alvaro de Mendaña in 1568. Translated from the original Spanish manuscripts. Edited, with Introduction and Notes, by Lord Amherst of Hackney and B. Thomson. 2 Vol. *illust.* *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. 7 & 8. 8⁰. 1901.

THOMSON (CARL GUSTAF) [1824-1899] Skandinaviens Coleoptera, synoptiskt bearbetade. 10 Tom. [in 5.] 8⁰. *Lund*, 1859-68.
The covering title reads: "Coleoptera Scandinaviæ," *&c.*

Thomson (CARL G.) Scandinaviens Insecter, en handbok i Entomologi, *&c.* *pp. xx, 392: 1 pl., text illust.* 8⁰. *Lund*, 1862.

Thomson (CARL G.) Diptera, *&c.* *See* SWEDEN. Kongliga Svenska Fregatten Resa omkring jorden . . . 1851-53. Vetenskapliga iakttagelser, *&c.* [Deel II,] Zoologi. I, Insecta. 4⁰. [1869.]

Thomson (CARL G.) Opuscula Entomologica. *pp. 2452: 2 pls.* 8⁰. *Lund*, 1869-97.
Issued in 22 parts.

Thomson (CARL G.) Hymenoptera Scandinaviæ.—Skandinaviens Hymenoptera. 5 Tom. [in 2] *illust.* 8⁰. *Lundæ*, 1871-78.
Latin and Swedish.

THOMSON (*Sir* CHARLES WYVILLE) [1830-1882] *See* NATURAL HISTORY REVIEW, *The* . . . Edited by . . . W. Thomson, *&c.* [Second Series,] Vol. I-V.† 8⁰. 1861-65.

Thomson (*Sir* CHARLES W.) The Depths of the Sea: a lecture, *&c.* *pp. 13: text illust.* 8⁰. [*Dublin*,] 1869.
Royal Dublin Society. Afternoon scientific lectures.

Thomson (*Sir* CHARLES W.) The Depths of the Sea. An account of the general results of the dredging cruises of H.M.SS. 'Porcupine' and 'Lightning' during . . . 1868-70, under the scientific direction of Dr. Carpenter . . . J. G. Jeffreys . . . and . . . W. Thomson. *pp. xx [i,] 527: 8 maps col., text illust.* 8⁰. *London*, 1873.

Thomson (*Sir* CHARLES W.) The Voyage of the 'Challenger.' The Atlantic. A preliminary account of the general results of the . . . voyage . . . during . . . 1873 and . . . 1876. 2 Vol. *illust.* 8⁰. *London*, 1877.

Thomson (*Sir* CHARLES W.) 'Challenger' Expedition. List of observing Stations, *&c.* *See* GREAT BRITAIN & IRELAND.—*Challenger Expedition.* 8⁰. (1877.)

Thomson (*Sir* CHARLES W.) Preliminary Report of the Holothuridæ of the exploring Voyage of H.M.S. "Challenger" under . . . Sir C. W. Thomson . . . By H. Théel, *&c.* Pt. 1.† *pp. 20: 2 pls.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. V, no. 19. 8⁰. 1879.

Thomson (*Sir* CHARLES W.) Report on the Scientific Results of the Voyage of H.M.S. Challenger during . . . 1873-76 . . . prepared under the superintendence of . . . Sir C. W. Thomson [who contributed a Provisional Preface and a General Introduction to the Zoological Series of Reports], *&c.* 50 Vol. *See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* 4⁰. 1880-95.

THOMSON (FRANK TOURLE) H. M. S. Challenger. Report [by Capt. Thomson] on Ocean Soundings, *&c.* No. 4-7. *See* GREAT BRITAIN & IRELAND.—*Admiralty.* 4⁰. 1875-76.

Thomson (F. T.) Notes by a naturalist on the "Challenger," being an account of various observations made during the voyage of H.M.S. "Challenger" . . . in 1872-76, under the commands of Capt. G. S. Nares . . . and Capt. F. T. Thomson. *See* MOSELEY (H. N.) 8⁰. 1879.

—— A new . . . edition, *&c.* 8⁰. 1892.

Thomson (F. T.) Report on the Scientific Results of the Voyage of H.M.S. Challenger during . . . 1873-76, under the command [1875-76] of . . . Capt. F. T. Thomson, *&c.* 50 Vol. *See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] 4⁰. 1880-95.

THOMSON (GEORGE MALCOLM) The Ferns and Fern allies of New Zealand. With instructions for their collection and hints on their cultivation. *pp. viii, 132: 5 pls.* 8⁰. *Melbourne & Dunedin*, 1882.

THOMSON (JAMES) *Entomologist.* Monographie des Cicindélides, ou exposé méthodique et critique des tribus, genres et espèces de cette famille . . . Tom. I.† *pp. xvii, 66 [2] : 10 pls. (col.), col. engr. frontispiece.* 8⁰. *Paris, &c.*, 1857.

Thomson (JAMES) *Entomologist.* *See* ARCHIVES ENTOMOLOGIQUES, *&c.* Tom. I & II.† 8⁰. 1857–58.

Thomson (JAMES) *Entomologist.* De M. Guérin-Méneville et de trois Eumorphides. *pp. 27.* 8⁰. *Paris*, 1858.
Archives Entomologiques. Vol. I.

Thomson (JAMES) *Entomologist.* Voyage au Gabon . . . en 1856 et en 1857 . . . Histoire du Voyage. *See* ARCHIVES ENTOMOLOGIQUES, *&c.* Tom. II. 8⁰. 1858.

Thomson (JAMES) *Entomologist.* Arcana Naturæ, ou recueil d'Histoire Naturelle. (Vol. I.†) *pp. 132 : 13 pls. col., engr. title.* LARGE PAPER. fol. *Paris, &c.*, 1859.

Thomson (JAMES) *Entomologist.* Essai d'une classification de la famille des Cérambycides, et matériaux pour servir à une monographie de cette famille. *pp. xvi, 396 : 3 pls.* 8⁰. *Paris*, 1860.

Thomson (JAMES) *Entomologist.* Musée scientifique, ou recueil d'Histoire Naturelle. *pp. 96 : 9 pls. (col.)* 4⁰. *Paris*, 1860.

Thomson (JAMES) *Entomologist.* Systema Cerambycidarum, ou exposé de tous les genres compris dans la famille des Cérambycides et familles limitrophes. *pp. 578.* 8⁰. *Liége*, 1864 (-65).
Pp. 3–540 also form "Mém. Soc. roy. Sci. Liége," Vol. XIX, 1866.

Thomson (JAMES) *Entomologist.* *See* PHYSIS : recueil d'Histoire Naturelle. Tom. I–III.† 8⁰. 1867–69.

Thomson (JAMES) *Entomologist.* Typi Buprestidarum Musæi Thomsoniani. (Œuvres de M. J. Thomson.) *pp. 103 (4).* 8⁰. *Paris*, 1878.

—— Appendix Iᵃ. *pp. 87.* 8⁰. *Paris*, 1879.

Thomson (JAMES) *Entomologist.* Typi Cerambycidarum Musei Thomsoniani. Mém. 1–3. *pp. 90.* 8⁰. *Paris*, 1878.
Revue & Mag. Zool. Sér. III, tom. V & VI, 1877–78.

—— Tables Méthodiques, *&c. pp. 20 [1].* 8⁰. *Paris*, 1878.

—— Appendix Iᵃ. *pp. 27.* 8⁰. *Paris*, 1879.
Revue & Mag. Zool. Sér. III, tom. VII.

Thomson (JAMES) *Entomologist.* Typi Cetonidarum suivis de typi Monommidarum et de typi Nilionidarum Musæi Thomsoniani. *pp. 44.* 8⁰. *Paris*, 1878.

THOMSON (JAMES) *of Australia.* Illustrated Handbook of Victoria, Australia. [Edited, with a note, by J. Thomson.] *See* LONDON.—*Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

Thomson (JAMES) *of Australia.* Victoria [Australia]. *See* LONDON.—*Colonial and Indian Exhibition, 1886.* Official Catalogue. Second edition. 8⁰. 1886.

THOMSON (JAMES) *of Glasgow* [1823–1900] On the development and generic relation of the Corals of the Carboniferous System of Scotland. 8⁰. *Glasgow*, 1883.
Proc. Phil. Soc. Glasgow. Vol. XIV, *pp. 296–502 : 14 pls.*

Thomson (JAMES) *of Glasgow* & **Nicholson** (H. A.) Contributions to the study of the chief generic types of the Palæozoic Corals. *pp. 59 : 17 pls.* 8⁰. [*London*,] 1875–76.
Ann. & Mag. Nat. Hist. Ser. IV, vol. XVI–XVIII.

THOMSON (JAMES ALLAN) Geological investigations in . . . the Gascoyne, Ashburton and West Pilbara Goldfields . . . with Petrological Notes by J. A. Thomson. *pp. 184 : 6 pls. (2 col.), 8 maps (7 geol. col.), text illust.* *See* WESTERN AUSTRALIA. — *Geological Survey.* Bulletin No. 33. 8⁰. 1909.

THOMSON (JAMES PARK) [1854–] British New Guinea. *pp. xviii, 336 : 8 pls., 1 port., 1 map col.* 8⁰. *London*, 1892.
Appendix :—
I. Geology.
List of Geological Specimens collected by . . . W. G. Lawes, *&c.* Described by C. S. Wilkinson.
List of Geological Specimens from British New Guinea and neighbouring islands, collected by Sir W. MacGregor. Described by R. L. Jack.
Notes on Sand and Gravel, Sudest River, collected by Sir W. MacGregor. Described by A. W. Clarke.
Petrological notes on two samples of Rock . . . collected by Sir W. MacGregor. Described by A. W. Clarke.
List of Geological Specimens . . . collected by Sir W. MacGregor. Described by W. H. Rands.
Our present knowledge of the Palæontology of New Guinea. By R. Etheridge, junr.
Note upon samples of Hot Spring Water, Fergusson Island . . . procured by Sir W. MacGregor. By Prof. Liversidge.
II. Succinct general notes on the Flora . . . By Baron von Müller.
III. Insects. By H. Tryon.
IV. Reptiles . . . By C. W. De Vis.
V. Uses of Shells among the Papuans. By C. Hedley.

THOMSON (JOHN) *F.R.G.S.* [1837–] The Straits of Malacca, Indo-China and China, or ten years' travels, adventures and residence abroad. *pp. xv, 546 : 25 pls., 4 maps, text illust.* 8⁰. *London*, 1875.
Appendix contains :—
Diurnal Lepidoptera of Siam . . . Named by H. W. Bates.

THOMSON (JOHN ARTHUR) [1861–] Appendix to the Report on the Alcyonaria collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. IV. Supplementary Reports. No. 28. 4⁰. 1905.

Thomson (JOHN A.) Antipatharians of the Scottish National Antarctic Expedition. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S.Y. "Scotia," *&c.* Vol. V, no. 12. 4⁰. 1909.
Reprinted from "Proc. Roy. Phys. Soc. Edinburgh." Vol. XVI, 1904.

Thomson (JOHN A.) & **Henderson** (W. D.) Report on the Alcyonaria collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. III. Supplementary Reports. No. 20. 4⁰. 1905.

Thomson (JOHN A.) & **Ritchie** (J.) The Alcyonarians of the Scottish National Antarctic Expedition. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S. Y. "Scotia," *&c.* Vol. V, no. 1. 4⁰. 1909.
Trans. Roy. Soc. Edinburgh. Vol. XLI, 1906, *pp. 851–860.*

Thomson (JOHN A.) & **Simpson** (J. J.) Report on the Antipatharia collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. IV. Supplementary Reports. No. 25. 4⁰. 1905.

THOMSON (JOHN CHRISTOPHER) Malaria Prevention in Hongkong. Report and Minutes, by J. C. Thomson. *See* HONG-KONG, *Government of.* 4⁰. [1903.]

THOMSON (JOSEPH) [1858–1895] To the Central African Lakes and back . . . 1878–80, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1881.
Vol. II, Appendix contains :—
I. Note on J. Thomson's Central African Collection [of Plants]. By J. G. Baker.
II. Remarks on the Shells . . . By E. A. Smith.
III. Notes on the Geology of East Central Africa.

Thomson (Joseph) Through Masăi Land: a journey of exploration among the snow-clad volcanic mountains and strange tribes of eastern Equatorial Africa. Being the narrative of the Royal Geographical Society's Expedition to Mount Kenia and Lake Victoria Nyanza, 1883–84 . . . Fourth edition. *pp. xii, 583: 15 pls., 2 maps, text illust.* 8⁰. *London*, 1885.
The first edition appeared earlier in the same year.

Thomson (Joseph) Travels in the Atlas and Southern Morocco, *&c.* *pp. xviii, 488: 31 pls., 2 maps col., text illust.* 8⁰. *London*, 1889.

THOMSON (*Sir* Joseph John) [1856-] *See* London, Edinburgh and Dublin Philosophical Magazine, *The* . . . Conducted by . . . Sir J. J. Thomson, *&c.* Ser. VI, vol. xxi, no. 121. 8⁰. 1911→

THOMSON (Murray) [1834?–1895] Notice of a mass of Meteoric Iron, found in . . . Newstead, Roxburghshire . . . By J. A. Smith, and Chemical Analysis . . . by M. Thomson. *See* Smith (J. A.) 8⁰. 1862.

THOMSON (Robert) [1840–1908] A Report on the cultivation of Pine Apples and other products of Florida, *&c.* *See* Jamaica.—*Board of Agriculture.* 8⁰. 1901.

THOMSON (Robert Boyd) The Megaspore-membrane of the Gymnosperms. *pp. 64: 5 pls. See* Toronto. —university. Studies. Biological Series, No. 4. 8⁰. 1905.

THOMSON (Robert Dundas) [1810–1864] *See* Records of General Science. By R. D. Thomson. Vol. i–iv.† 8⁰. 1835–36.

THOMSON (Spencer) [fl. 1842–1883] [Wanderings among the Wild Flowers, *&c.* 8⁰. *London*, 1854.]
Wanting.

—— Fourth edition, *&c.* *pp. 309: 7 pls. col., text illust.* 8⁰. *London*, 1857.

Thomson (S.) Wayside Weeds, or Botanical Lessons from the lanes and hedgerows. With a chapter on Classification. *pp. xii, 212.* 8⁰. *London*, 1864.

THOMSON (Thomas) *Botanist* [1817–1878] Western Himalaya and Tibet; a narrative of a journey through the mountains of Northern India, during . . . 1847–8. *pp. xii, 501: 2 pls., 2 maps, title illust.* 8⁰. *London*, 1852.

Thomson (Thomas) *Botanist.* Report on the Hon'ble Company's Botanic Garden, *&c.* *See* Bengal. Selections from the Records, *&c.* No. xxv (6). 4⁰. 1857.

Thomson (Thomas) *Botanist.* Note on Capt. Grant's collection of Plants. *See* Speke (J. H.) Journal of the discovery of the source of the Nile. Appendix G. 8⁰. 1863.

Thomson (Thomas) *Botanist* & **Hooker** (*Sir* J. D.) *G.C.S.I.* Flora Indica, *&c.* Vol. i.† *See* Hooker (*Sir* J. D.) *G.C.S.I.* & Thomson (T.) 8⁰. 1855.

Thomson (Thomas) *Botanist* & **Hooker** (*Sir* J. D.) *G.C.S.I.* [Ranunculaceæ to Papaveraceæ and Capparideæ to Pittosporeæ of India.] *See* Hooker (*Sir* J. D.) *G.C.S.I.* The Flora of British India, *&c.* Vol. i. 8⁰. 1872.

THOMSON (Thomas) *Chemist* [1773–1852] Chemistry. *pp. 163.* 4⁰. *Edinburgh*, 1813.
Edinb. Encyclop. Vol. vi.

Thomson (Thomas) *Chemist.* Travels in Sweden, during the autumn of 1812. *pp. xii, 457: 7 pls., 6 maps.* 4⁰. *London*, 1813.

Thomson (Thomas) *Chemist.* *See* Annals of Philosophy . . . By T. Thomson, *&c.* 1813–20. Vol. i–xvi; New Series, Vol. i–xii. 8⁰. 1813–26.

Thomson (Thomas) *Chemist.* *See* Records of General Science, by R. D. Thomson . . . with the assistance of T. Thomson. Vol. i–iv.† 8⁰. 1835–36.

Thomson (Thomas) *Chemist.* Outlines of Mineralogy, Geology, and Mineral Analysis. 2 Vol. 8⁰. *London*, 1836.

THOMSON (Thomas Richard Heywood) & **Allen** (W.) A narrative of the Expedition . . . to the River Niger, in 1841, *&c.* 2 Vol. *See* Allen (W.) & Thomson (T. R. H.) 8⁰. 1848.

THOMSON (William) *Curator at King's College.* Natural History Department. Lists of Desiderata. *See* Crystal Palace, *Sydenham.* 8⁰. 1852.

THOMSON (William) *M.D.* Not Man, but Man-like. A reply to "Not like Man" of the Professor of Anatomy in the University of Melbourne. *pp. 31: 1 pl.* 8⁰. [*Melbourne*, 1874.]
Reprinted, with additions, from "The Argus."

THOMSON (*Sir* William) *Baron Kelvin* [1824–1907] *See* Cambridge and Dublin Mathematical Journal . . . Edited by W. Thomson. Vol. i–viii. 8⁰. 1846–53.

Thomson (*Sir* William) *Baron Kelvin.* *See* London, Edinburgh and Dublin Philosophical Magazine, *The* . . . Conducted by . . . Sir W. Thomson. Fourth Series, Vol. xlii—Sixth Series, Vol. xiv. 8⁰. 1871–1907.

Thomson (*Sir* William) *Baron Kelvin.* The molecular tactics of a Crystal, *&c.* *pp. 59: text illust.* 8⁰. *Oxford*, 1894.
The second Robert Boyle Lecture, delivered before the Oxford University Junior Scientific Club . . . 1893.

Thomson (*Sir* William) *Baron Kelvin* & **Tait** (P. G.) [Elements of Natural Philosophy. Pt. i. 8⁰. *Cambridge*, 1873.]
Wanting.

—— Second edition. *pp. vi* [*i*,] *295: text illust.* 8⁰. *Cambridge*, 1879.

—— New edition. *pp. vi* [*i*,] *295: text illust.* 8⁰. *Cambridge*, 1885.

Thomson (*Sir* William) *Baron Kelvin* & **Tait** (P. G.) [Treatise on Natural Philosophy. 8⁰. *Cambridge*, 1877.]
Wanting.

—— New edition. 2 Vol. *illust.* 8⁰. *Cambridge*, 1883, 86.

THON (Christian Friedrich Gottlieb) Vollständige Anweisung Hühner, Gänse, Enten und Tauben auf die vortheilhafteste Weise zu füttern, aufzuziehen und abzuwarten . . . Zweite Auflage. *pp. v, 96.* 8⁰. *Quedlinburg & Leipzig*, 1845.

THON (Karel) [–1906] Příspěvky ku poznání Českých Vodulí. [Contributions to a knowledge of the Bohemian Watermites.] (Hydrachnidæ.) 2 Pt. *See* Prague. —česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. viii, čís. 34 & 45. 8⁰. 1899.

Thon (K.) Hydrachnologický výzkum Čech. [Hydrachnological survey of Bohemia.] Díl i. *pp. 52: 1 pl., text illust.* *See* Prague. —česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. ix, čís. 15. 8⁰. 1900.

Thon (K.) Ueber die in Montenegro von Dr. Mrázek gesammelten Hydrachniden. *pp. 7: 1 pl.* *See* Prague. —koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1903, no. 19. 8⁰. 1904.

Thon (K.) O žlazách Holothyridů. [On the glands of *Holothyrus.*] *pp. 41 : 2 pls., text illust. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1905, no. 10. 8⁰. 1905.

Thon (K.) Monographie der Hydrachniden Böhmens. I. Teil. Limnocharidæ, Kramer. *pp. 83 : text illust. See* PRAGUE.—BEIDE COMITÉS FUER DIE LANDESDURCHFORSCHUNG VON BOEHMEN. Archiv, *&c.* Bd. XII, no. 2. 8⁰. 1906.

THON (THEODOR C. G.) *See* ENTOMOLOGISCHES ARCHIV. Herausgegeben von . . . T. Thon. Bd. I—II, hft. 2.† fol. 1827–30.

Thon (T. C. G.) Prospectus. Neue Schmetterlingsbelustigungen, *&c.* [*pp. 6 :*] *pl. iv, col.* 8⁰. *Jena & Leipzig*, 1828.

Thon (T. C. G.) Neue Schmetterlingsbelustigungen, enthaltend getreue Abbildungen aller Europäischen Schmetterlinge, ihrer Raupen, Puppen, des Raupenfutters, u. s. w., mit erklärenden Beschreibungen, *&c.* Hft. 1.† [*pp. 14 : 6 pls. col.*] 8⁰. *Jena & Leipzig*, 1828.
Wanting the plates.

Thon (T. C. G.) Die Naturgeschichte der in- und ausländischen Schmetterlinge, mit einer Anweisung zum Schmetterlingsfang und zu deren Aufbewahrung. *pp. 232* [*3*] *: 66 pls. col.* 4⁰. *Leipzig*, 1837.
Printed in double column.

THONNER (FRANZ) [1863–] Anleitung zum Bestimmen der Familien der Phanerogamen. *pp. vii, 280.* 8⁰. *Berlin*, 1891.

Thonner (F.) Analytical Key to the natural orders of Flowering-Plants. *pp. vi, 151.* 8⁰. *London & New York*, 1895.

Thonner (F.) Plantæ Thonnerianæ Congolenses, ou Énumération des Plantes récoltées en 1896 par M. F. Thonner dans le district des Bangalas . . . Avec une Introduction de M. F. Thonner. *See* WILDEMAN (É. DE) & DURAND (T.) 8⁰. 1900.

—— Série II. 8⁰. 1911.

Thonner (F.) Die Blütenpflanzen Afrikas, eine Anleitung zum Bestimmen der Gattungen der Afrikanischen Siphonogamen. *pp. xvi, 672* [*1*] *: 150 pls. printed back to back, 1 map.* 8⁰. *Berlin*, 1908.

THOR (SIG.) Bidrag til kundskaben om Norges Hydrachnider. 4 Pt. *See* ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB. Bd. XIX, no. 11 ; XX, no. 3 ; XXI, no. 5 ; XXIII, no. 4. 8⁰. 1897–1901.

Thor (S.)
Capobates Sarsi en ny Hydrachnide fra Kap, Syd-Afrika. *pp. 6 : 1 pl.*
Huitfeldtia en ny Hydrachnide-slegt fra Søndfjord, Norge. *pp. 6 : 1 pl.*
Nye Hydrachnideformer fundne i Norge, *&c.* *pp. 10.*
Ljania en ny Hydrachnide-slegt fra Omegnen af Kristiania, Norge. *pp. 4.*
See ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB. Bd. XX, no. 5, 7, 12 & 13. 8⁰. 1898.

Thor (S.) En ny Hydrachnide-slegt fra Syd-Afrika. *pp. 4. See* CHRISTIANIA. — VIDENSKABS - SELSKABET. Forhandlinger, *&c.* 1898, no. 1. 8⁰. 1898 (1899).

Thor (S.)
Første undersøgelse af Norges Trombidiidæ. *pp. 18 : 1 pl.*
Første undersøgelse af Norges Rhyncholophidæ. *pp. 11. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* 1900, no. 2 & 3. 8⁰. 1900 (1901).

Thor (S.) Ueber die Acarina der Russischen Polar-Expedition, 1900–03. *pp.* [*i,*] *22 : 1 pl. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XVIII, no. 14. 4⁰. 1909.

THORBURN (RICHARD) A Catalogue of the Books in the Admiralty Library. *See* GREAT BRITAIN & IRELAND. —*Admiralty.* 4⁰. 1875.

THORE (JEAN) [1762–1823] Essai d'un Chloris du département des Landes. *pp. xliv, 516.* 8⁰. *Dax*, 1803.

THORELL (TORD TAMERLAN THEODOR) [1830–1901] Recensio critica Aranearum Suecicarum quas descripserunt Clerckius, Linnæus, De Geerus. Dissertatio academica, *&c.* *pp. 78.* 4⁰. *Upsaliæ*, 1856.
This contains the first portion relating to Clerck's descriptions only : the whole afterwards appeared as follows :—

—— *pp. 116* [*1*]. *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. II, no. 2. 4⁰. 1856.

Thorell (T. T. T.) Bidrag till kännedomen om Krustaceer, som lefva i arter af slägtet Ascidia, L., *&c.* *pp. 84 : 14 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS - AKADEMIEN. Handlingar. Ny Följd, Bd. III, no. 8. 4⁰. 1860.

Thorell (T. T. T.) Araneæ. *See* SWEDEN. Kongliga Svenska Fregatten Eugenies Resa omkring jorden . . . åren 1851–53. Vetenskapliga iakttagelser, *&c.* Vol. II. Zoologi. 4⁰. [1868.]

—— [Another edition.] 4⁰. 1910.

Thorell (T. T. T.) On European Spiders . . . Pt. I. Review of the European genera of Spiders, preceded by some observations on Zoological Nomenclature. *pp. 242 : 1 pl. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. VII, fasc. 1, no. 5 ; fasc. 2, no. 1. 4⁰. 1869, 70.

—— [Another edition.] *pp. xxiv, 242 : 1 pl.* 4⁰. *Upsala*, 1869–70.
A re-issue of the preceding, to which a bibliography (*pp. xxiv*) has been prefixed.

Thorell (T. T. T.) Remarks on synonyms of European Spiders. *pp.* [*iii,*] *644.* 4⁰. *Upsala, &c.* (1870–73).
Pp. 1–96 were published April 19th, 1870 ; *pp. 97–228*, May 17th, 1871 ; *pp. 229–374*, April 12th, 1872 ; *pp. 375 et seqq.*, April 21st, 1873.

Thorell (T. T. T.) Descriptions of several European and North-African Spiders, *&c.* *pp. 203. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIII, no. 5. 4⁰. 1875.

Thorell (T. T. T.) Verzeichniss Südrussischer Spinnen. *pp. 84, ii.* 8⁰. *St. Petersburg*, 1875.
Horæ Societatis Entomologicæ Rossicæ. Tom. XI.

Thorell (T. T. T.) Sopra alcuni Opilioni (Phalangidea) d'Europa e dell'Asia Occidentale, con un quadro dei generi Europei di quest' ordine. *pp. 59.* 8⁰. *Genova*, 1876.
Ann. Mus. Civ. Stor. Nat. Genova. Vol. VIII.

Thorell (T. T. T.) Descrizione di alcune specie di Opilioni dell'Arcipelago Malese appartenenti al Museo Civico di Genova. *pp. 28.* 8⁰. [*Genoa*, 1876.]
Ann. Mus. Civ. Stor. Nat. Genova. Vol. IX.

Thorell (T. T. T.) Études Scorpiologiques. *pp. 198.* 8⁰. *Milan*, 1877.
Atti Soc. Ital. Sci. Nat. Milano. Vol. XIX, 1876.

Thorell (T. T. T.) Studi sui Ragni Malesi e Papuani. 5 Vol. 8⁰. *Genova*, 1877–92.
Ann. Mus. Civ. Stor. Nat. Genova. Vol. X, XIII, XVII ; Ser. II, vol. VIII (XXVIII) & XI (XXXI).

Thorell (T. T. T.) Descrizione di alcuni Aracnidi inferiori dell'Arcipelago Malese. *pp. 53 : 3 pls., text illust.* 8⁰. *Genova*, 1882.
Ann. Mus. Civ. Stor. Nat. Genova. Vol. XVIII.

Thorell (T. T. T.) Primo (—Secondo) saggio sui Ragni Birmani. *pp. 417 [1] (107).* 8⁰. *Genova*, 1887 (-97).
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. V & XVII.

Thorell (T. T. T.) Pedipalpi e Scorpioni dell'Arcipelago Malese conservati nel Museo Civico di Storia Naturale di Genova. *pp. 104.* 8⁰. *Genova*, 1888.
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. VI.

Thorell (T. T. T.) Aracnidi Artrogastri Birmani raccolti da L. Fea nel 1885-1887. *pp. 213 : 1 pl.* 8⁰. *Genova*, 1889.
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. VII.

Thorell (T. T. T.) Aracnidi di Nias e di Sumatra raccolti nel 1886 dal Sig. E. Modigliani. *pp. 106 : text illust.* 8⁰. *Genova*, 1890.
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. X.

Thorell (T. T. T.) Aracnidi di Pinang raccolti nel 1889 dai Signori L. Loria e L. Fea. *pp. 119.* 8⁰. *Genova*, 1890.
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. X.

Thorell (T. T. T.) Diagnoses Aranearum aliquot novarum in Indo-Malesia inventarum. *pp. 41.* 8⁰. [*Genoa*, 1890.]
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. X.

Thorell (T. T. T.) Opilioni nuovi o poco conosciuti dell'Arcipelago Malese. *pp. 106 : 2 pls.* 8⁰. *Genova*, 1891.
Ann. Mus. Civ. Stor. Nat. Genova. Ser. II, vol. X.

Thorell (T. T. T.) Spindlar från Nikobarerna och andra delar af södra Asien till större delen insamlade under K. Danska Korvetten Galatheas Resa omkring jorden, åren 1845-1847. *pp. 149. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXIV, no. 2. 4⁰. 1891 (1892).

Thorell (T. T. T.) On an apparently new Arachnid belonging to the family Cryptostemmoidæ, Westw. *pp. 18 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVII, afd. IV, no. 9. 8⁰. 1892.

Thorell (T. T. T.) Förteckning öfver Arachnider från Java och närgränsande öar, insamlade af . . . C. Aurivillius; jemte beskrifningar å några Sydasiatiska och Sydamerikanska Spindlar. *pp. 63. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XX, afd. IV, no. 4. 8⁰. 1894.

Thorell (T. T. T.) Descriptive Catalogue of the Spiders of Burma, based upon the collection made by E. W. Oates and preserved in the British Museum. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Arachnida.*] 8⁰. 1895.

Thorell (T. T. T.) Araneæ paucæ Asiæ australis descriptæ. *pp. 36. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 6. 8⁰. 1897.

Thorell (T. T. T.) Araneæ Camerunenses (Africæ occidentalis), quas anno 1891 collegerunt . . . Y. Sjöstedt aliique. *pp. 105. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXV, afd. IV, no. 1. 8⁰. 1899 (1900).

Thorell (T. T. T.) & **Lindström** (G.) On a Silurian Scorpion from Gotland. *pp. 33 . 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXI, no. 9. 4⁰. 1885 (1887).

THOREY (ERNST) Beitrag zur Lehre vom pflanzlichen Stoffwechsel. Inaugural-Dissertation, *&c. pp.* [*iv,*] *32.* 8⁰. *St. Petersburg*, 1871.

THORIN (A.) & **Hammar** (O. N.) Några anmärkningar rörande Carpologien, *&c. See* HAMMAR (O. N.) & THORIN (A.) 4⁰. 1849.

THORKELSSON (THORKELL) The Hot Springs of Iceland. *pp. 86 : 13 pls., text illust. See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Række VII, afd. VIII, no. 4. 4⁰. 1910.

THORLEY (JOHN) An enquiry into the nature, order, and government of Bees . . . With a new . . . method to preserve them, not only in colonies, but common hives . . . Second edition. *pp. 158 : 2 pls.* 8⁰. *London*, 1765.
The first edition appeared in 1744.

THORMANN (MICHAEL FRIDERICUS) Disquisitio de Phoca . . . quam . . . submittit M. F. Thormann. *See* HARTMANN (P. J.) 4⁰. 1683.

THORNBER (JOHN J.) Studies in the Vegetation of the State [of Nebraska], I.—The Prairie-Grass formation in region I. *pp. 143 : text illust. See* LINCOLN, *Nebraska.*—UNIVERSITY OF NEBRASKA.—*Botanical Survey of Nebraska.* V. 8⁰. 1901.

THORNE (ROBERT) [-1527] A declaration of the Indies and landes discouered and subdued unto the . . . King of Portugale, *&c.*—The booke made by . . . Master R. Thorne, in . . . 1527 . . . being an information of the parts of the world discouered by . . . the King of Portingale: and also of the way to the Moluccaes by the North. *See* HAKLUYT SOCIETY. Works, *&c.* No. 7. 8⁰. 1850.

THORNELY (LAURA ROSCOE) *Miss.* The Hydroid Zoophytes collected . . . in the Southern Seas. *See* WILLEY (A.) Zoological Results, *&c.* Pt. IV, no. 23. 4⁰. 1900.

Thornely (L. R.) *Miss.* Report on the Hydroida collected . . . at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, by W. A. Herdman, *&c.* Pt. II. Supplementary Reports. No. 8. 4⁰. 1904.

Thornely (L. R.) *Miss.* Report on the Polyzoa collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. IV. Supplementary Reports. No. 26. 4⁰. 1905.

THORNHILL (JOHN) [fl. 1800-1852] A fasciculus of thirty-five dried specimens of Grasses, and . . . the seeds of each kind: with generic and specific descriptions, *&c. pp. iv, 16 [4] : 35 sheets of dried specimens.* fol. *Gateshead*, 1806.

Thornhill (J.) & **others.** The Botanist's Guide through the counties of Northumberland and Durham. 2 Vol. *See* WINCH (N. J.) *& others.* 8⁰. 1805-07.

THORNTON (CHARLES GREENWOOD) & **Wyatt** (W.) Flora Repandunensis, *&c. See* WYATT (W.) & THORNTON (C. G.) 8⁰. 1866.

—— [Second edition entitled:] Contributions to the Flora and Fauna of Repton, *&c.* 8⁰. 1881.

THORNTON (E. Q.) Reports . . . on portions of the Cretaceous and Tertiary formations. *See* ALABAMA, *State of.—Geological Survey.* Second biennial report, *&c.* Appendix No. 2. 8⁰. 1858.

THORNTON (EDWARD PARRY) [1811-1893] A Gazetteer of the Territories under the Government of the East-India Company, and of the Native States on the Continent of India. *pp. 1015 : 1 map.* 8⁰. *London*, 1857.

THORNTON (George) & **Hill** (R.) Notes on the Aborigines of New South Wales, *&c.* *See* New South Wales. 8⁰. 1892.

THORNTON (John) Elementary Physiography: an introduction to the study of Nature. *pp. viii, 248: 1 pl., text illust.* 8⁰. *London*, 1888.

THORNTON (Robert John) [1768?-1837] New illustration of the Sexual System of C. von Linnæus: comprehending, an Elucidation of the several parts of the Fructification; a prize Dissertation on the sexes of Plants; a full Explanation of the Classes, and Orders, of the Sexual System; and the Temple of Flora, or Garden of Nature, being picturesque, botanical, coloured plates, of select plants . . . with descriptions. 3 Pt. [in 2 Vol.] *illust. (col.)* fol. *London*, (1799-) 1807.

There is a second, engraved title-page. The half-title, which is engraved, reads:—"A British Trophy in honour of Linnæus."
The engraved title-pages to the third part, as well as some of the plates, are dated 1799. These (cf. Watt, "Bibl. Brit.") were apparently issued in that year under the title of:—"Botanical Plates of the New Illustration," *&c.* In its completed form the third part comprises 81 coloured plates, with descriptive letterpress.
The "Prize Dissertation" is stated to have been written in 1759.
A leaflet announcing the sale by lottery, under a Special Act (51 Geo. III, cap. 103) passed in 1811, of the author's collection of Paintings, Drawings, Engravings, and of copies of his works, has been inserted in this copy.
Meyer's copy of Ogburne & Bartolozzi's engraving of Hallman's portrait of Linnæus is placed at the beginning of Pt. 1, while Dunkarton's engraving of Hoffman's portrait of Linnæus in Lapland Dress, and engraved portraits of twenty-four other Botanists of note, are placed at the beginning of Pt. 2.

Thornton (R. J.) Sketch of the Life and Writings of . . . W. Curtis. *pp. 33.* 4⁰. [*London*, 1805?]

Thornton (R. J.) Botanical Extracts: or Philosophy of Botany, *&c.* 2 Vol. [in 1.] *pp. 574: 21 pls.* fol. *London*, 1810.

The engraved title reads:—"The Philosophy of Botany, being botanical and philosophical extracts."

Thornton (R. J.) [A Family Herbal: or familiar account of the medical properties of British and Foreign Plants, also their uses in dying and various arts, *&c.* 8⁰. *London*, 1810.]

Wanting.

—— Second edition, *&c.* *pp. xxviii, x-xvi, 901: 1 port., text illust.* 8⁰. *London*, 1814.

The wood engravings are by Bewick.

Thornton (R. J.) The British Flora; or, genera & species of British Plants: arranged after the reformed Sexual System, *&c.* 5 Vol. *illust.* 8⁰. *London*, 1812.

Thornton (R. J.) Outline of Botany; or easy introduction to the science; designed as a syllabus to botanical lectures. *pp. 86, 3 tabs.: 1 port.* 8⁰. *London*, 1812.

The subject matter of this work is reprinted in the author's "Elements of Botany" [*q.v.* infra].

Thornton (R. J.) Elements of Botany. 2 Vol. *illust.* 8⁰. *London*, 1812.

Pt. I, Classification, appeared separately under the title of "Outline of Botany" [*q.v.* supra].

Thornton (R. J.) An easy Introduction to the science of Botany, *&c.* *pp. v, 307: 14 pls. col.* 8⁰. *London*, 1823.

THORODDSEN (Thorvaldr) [1855-] Vulkaner i det nordöstlige Island. *pp. 70: 2 pls., 1 map geol. col.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xiv, afd. ii, no. 5. 8⁰. 1888.

Thoroddsen (T.) Geologiske iagttagelser paa Snæfellsnes og i omegnen af Faxebugten i Island. *pp. 97: 1 map geol. col., text illust.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xvii, afd. ii, no. 2. 8⁰. 1891 (1892).

Thoroddsen (T.) Geological Map of Iceland . . . Scale 1 : 600,000 [*i.e.* 1 in. = 9½ m. about]. 2 sh. *col.* *See* Iceland. [*Maps.*] 1901.

Thoroddsen (T.) Island. Grundriss der Geographie und Geologie. i (-ii). 2 Pt. *illust.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. xxxii, no. 152 & 153. 4⁰. 1905, 06.

THOROUGH GUIDE SERIES.
Bath and Bristol, and forty miles round. By M. J. B. Baddeley. *pp. xvi, 267: 19 maps & plans (col.)* 8⁰. *London*, 1902.

Thorough Guide Series.
North Devon (including West Somerset) and North Cornwall . . . by C. S. Ward . . . Third edition, *&c.* *pp. xv, 154: 1 pl., 11 maps.* 8⁰. *London*, 1885.

—— Eighth edition, *&c.* *pp. xvi, 160: 21 maps & plans.* 8⁰. *London*, 1903.

Thorough Guide Series.
South Devon and South Cornwall . . . by C. S. Ward and M. J. B. Baddeley . . . Second edition, *&c.* *pp. xvi, 228: 1 pl., 12 maps.* 8⁰. *London*, 1885.

—— Fifth edition, *&c.* *pp. xix, 229: 22 maps & plans.* 8⁰. *London*, 1895.

—— Sixth edition, *&c.* *pp. xix, 229: 22 maps & plans (col.)* 8⁰. *London*, 1902.

Thorough Guide Series.
The Eastern Counties . . . by C. S. Ward. *pp. xvi, 132: 1 pl., 9 maps & plans.* 8⁰. *London*, 1883.

—— Fourth edition, *&c.* *pp. x, 144: 21 maps & plans.* 8⁰. *London*, 1899.

—— Fifth edition, *&c.* *pp. x, 144: 18 maps & plans.* 8⁰. *London*, 1902.

Thorough Guide Series.
Ireland. (Pt. i.) Northern Counties, including Dublin . . . by M. J. B. Baddeley, *&c.* *pp. xv, 165: 16 maps.* 8⁰. *London*, 1887.

—— Fifth edition, *&c.* *pp. xvi, 212: 20 maps & plans col.* 8⁰. *London*, 1902.

Thorough Guide Series.
Ireland. (Pt. ii.) East, West, and South, including Dublin and Howth, by C. S. Ward. *pp. xvi, 219: 24 maps.* 8⁰. *London*, 1888.

—— —— Fourth edition. *pp. xxiii, 236: 26 maps & plans col.* 8⁰. *London*, 1901.

—— —— Fifth edition. *pp. xxiii, 236: 26 maps & plans col.* 8⁰. *London*, 1906.

Thorough Guide Series.
The Isle of Wight, with notes for Geologists and Cyclists, by C. S. Ward . . . New edition, *&c.* *pp. xiv, 86: 8 maps & plans col.* 8⁰. *London*, 1906.

Thorough Guide Series.
The English Lake District . . . by M. J. B. Baddeley . . . Fourth edition, *&c.* *pp. xxix, 216: 14 maps col.* 8⁰. *London*, 1886.

—— Eighth edition, *&c.* (Appendix by E. D. Jordan.) *pp. xxx, 248, 18: 3 pls., 15 maps & plans col., text illust.* 8⁰. *London*, 1899.

—— Ninth edition, *&c.* (Appendix by E. D. Jordan.) *pp. xxx, 248, 20: 3 pls., 15 maps & plans col., text illust.* 8⁰. *London*, 1902.

—— Tenth edition, *&c.* (Appendix by E. D. Jordan.) *pp. xxx, 248, 20: 18 maps & plans col.* 8⁰. *London*, 1906.

Thorough Guide Series.
ORKNEY & SHETLAND, with approaches from Edinburgh, Aberdeen, Thurso, and the Western Highlands. By M. J. B. Baddeley . . . Fourth edition. *pp. viii, 64 : 9 maps.* 8⁰. *London*, 1900.

—— Fifth edition. *pp. viii, 64 : 9 maps.* 8⁰. *London*, 1905.

Thorough Guide Series.
The PEAK DISTRICT of DERBYSHIRE and neighbouring counties, by M. J. B. Baddeley . . . Third edition, *&c. pp. xxiv, 142 : 6 maps.* 8⁰. *London*, 1884.

—— Seventh edition, *&c. pp. xvi, 16, 158 : 9 maps.* 8⁰. *London*, 1899.

—— Eighth edition, *&c. pp. xvi, 16, 158 : 9 maps.* 8⁰. *London*, 1903.

Thorough Guide Series.
SCOTLAND. (Pt. I.) Edinburgh, Glasgow, and the Highlands as far north as Aberdeen . . . and Stornoway . . . by M. J. B. Baddeley. *pp. xxxiv, 297 : 37 maps.* 8⁰. *London*, 1885.

—— Eighth edition, *&c. pp. xxxii, 327 : 45 maps.* 8⁰. *London*, 1895.

—— Ninth edition, *&c. pp. xxxii, 346 : 49 maps & plans (col.)* 8⁰. *London*, 1900.

—— Tenth edition, *&c. pp. xxxii, 348 : 50 maps & plans (col.)* 8⁰. *London*, 1903.

Thorough Guide Series.
SCOTLAND. (Pt. II.) The Northern Highlands and Islands . . . by M. J. B. Baddeley . . . Second edition. *pp. xxviii, 168 : 15 maps.* 8⁰. *London*, 1884.

—— Sixth edition. *pp. xvi, 149 : 13 maps & plans.* 8⁰. *London*, 1901.

—— Seventh edition. *pp. xvi, 149 : 13 maps & plans (col.)* 8⁰. *London*, 1906.

Thorough Guide Series.
SCOTLAND. (Pt. III.) The "Lowlands," including Edinburgh, Glasgow and all Scotland south of those places, by M. J. B. Baddeley, *&c. pp. xii, 179 : 2 pls, 18 maps col.* 8⁰. *London*, 1886.

—— —— Fourth edition. *pp. xii, 185 : 20 maps & plans col.* 8⁰. *London*, 1903.

Thorough Guide Series.
SURREY and SUSSEX [including Tunbridge Wells]. By C. S. Ward. *pp. xi, [i,] 156 : 16 maps & plans (col.)* 8⁰. *London*, 1890.

—— Third edition, *&c. pp. xii, 171 : 19 maps & plans (col.)* 8⁰. *London*, 1904.

Thorough Guide Series.
North WALES. (Pt. I.) . . . By M. J. B. Baddeley . . . and C. S. Ward. *pp. xxiii, 218 : 11 maps & plans.* 8⁰. *London*, 1884.

—— Fifth edition, *&c. pp. xxiv, 238 : 3 pls., 16 maps & plans.* 8⁰. *London*, 1895.

—— Seventh edition, *&c. pp. xxiv, 238 : 3 pls., 16 maps & plans.* 8⁰. *London*, 1902.

Thorough Guide Series.
North WALES. (Pt. II.) . . . By M. J. B. Baddeley . . . and C. S. Ward. *pp. xvi, 147 : 8 maps & plans.* 8⁰. *London*, 1885.

—— Fourth edition. *pp. xvi, 154 : 1 pl., 14 maps & plans.* 8⁰. *London*, 1895.

—— Fifth edition. *pp. xvi, 154 : 1 pl., 14 maps & plans.* 8⁰. *London*, 1899.

—— Sixth edition. *pp. xvi, 158 : 1 pl., 16 maps & plans.* 8⁰. *London*, 1904.

Thorough Guide Series.
South WALES . . . by C. S. Ward . . . and M. J. B. Baddeley. *pp. xvi, 174 : 2 pls., 15 maps.* 8⁰. *London*, 1886.

—— Fourth edition, *&c. pp. xvi, 192 : 22 maps & plans.* 8⁰. *London*, 1901.

—— Fifth edition, *&c. pp. xvi, 192 : 22 maps & plans (col.)* 8⁰. *London*, 1906.

Thorough Guide Series.
YORKSHIRE . . . by M. J. B. Baddeley. Pt. I. *pp. xv, 131 : 6 pls., 6 maps (2 col.)* 8⁰. *London*, 1890.

—— —— Fourth edition, *&c. pp. xvi, 141 : 12 maps & plans col.* 8⁰. *London*, 1902.

Thorough Guide Series.
YORKSHIRE. Pt. II. *pp. xi, 141 : 9 pls. (1 col.), 7 maps (1 col.)* 8⁰. *London*, 1890.

—— —— (Pt. II.) Fourth edition, *&c. pp. xvi, 151 : 20 maps & plans col.* 8⁰. *London*, 1901.

—— —— Fifth edition, *&c. pp. xvi, 151 : 21 maps & plans col.* 8⁰. *London*, 1906.

THORPE (CHARLES) British Marine Conchology . . . illustrated . . . by G. B. Sowerby and W. Wood. *pp. l, 267 : 8 pls. (1 col.)* 12⁰. *London*, 1844.

Contains a "Systematic Index," with descriptions of new species, by S. C. T. Hanley; and a "Supplement of new species contributed by W. Bean."

THORPE (*Sir* THOMAS EDWARD) [1845–] [Quantitative Chemical Analysis. 8⁰. *London*, 1873.]

Wanting.

—— Sixth edition. *pp. xiv, 389 : text illust.* 8⁰. *London*, 1885.

One of Longman's "Text-books of Science."

Thorpe (*Sir* T. E.) Coal : its history and uses . . . Edited by Prof. Thorpe. *pp. xii, 363 : text illust.* 8⁰. *London*, 1878.

Chap. I–II. On the Geology of Coal, by Prof. Green.
,, III. Coal Plants, by Prof. Miall.
,, IV. Animals of the Coal Measures, by Prof. Miall.
,, V–VI. On the Chemistry of Coal, by Prof. Thorpe.
,, VII–VIII. Coal as a source of Warmth and Power, by Prof. Rücker.
,, IX–X. On the Coal Question, by Prof. Marshall.

Thorpe (*Sir* T. E.) & **Muir** (M. M. P.) [Qualitative Chemical Analysis and Laboratory Practice. 8⁰. *London*, 1874.]

Wanting.

—— Fourth edition. *pp. xv, 246 : 1 pl. col., text illust.* 8⁰. *London*, 1886.

One of Longman's "Text-books of Science."

THORY (CLAUDE ANTOINE) [1759–1827] Rosa Candolleana, seu descriptio novæ speciei generis Rosæ . . . Addito Catalogo inedito Rosarum quas A. Du Pont in horto suo studiose colebat anno 1813, *&c. pp. 19 : 1 pl.* 8⁰. *Parisiis*, 1819.

Thory (C. A.) Prodrome de la Monographie des espèces et variétés connues du genre Rosier, divisées selon leur ordre naturel, avec la synonymie, les noms vulgaires, un tableau synoptique, *&c. pp. 190 : 2 pls. col.* 8⁰. *Paris*, 1820.

Thory (C. A.) Monographie, ou Histoire naturelle du genre Groseillier, contenant la description, l'histoire, la culture et les usages de toutes les groseilles connues. *pp. 152 : 24 pls. col., 1 port.* 8⁰. *Paris*, 1829.

Thory (C. A.) & **Redouté** (P. J.) Les Roses, *&c.* 3 Vol. *illust. col.* *See* REDOUTÉ (P. J.) & THORY (C. A.) fol. 1817-24.

—— Troisième édition, publiée sous la direction de M. Pirolle. [With a biographical notice of Thory, by D. Beaumont.] 3 Vol. *illust. col.* 8⁰. 1835.

A "Traité du Rosier," by Thory, not included in the first edition, is prefixed to this one.

THÓS Y CODINA (SILVINO) Notas acerca de la constitution geológica de las islas de Ibiza y Formentera. *pp. 5.* *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. III. 8⁰. 1876.

Thós y Codina (S.) Reconocimiento físico-geológico-minero de los valles de Andorra. *pp. 25.* *See* SPAIN. —*Instituto Geológico de España.* Tom. XI. 8⁰. 1884.

—— 2ª edicióne, revisada, *&c.* *pp. 94 : 1 map col.* 8⁰. *Barcelona*, 1885.

Thós y Codina (S.) Nota aclaratoria sobre el croquis geológico de los valles de Andorra. *pp. 6 : 1 pl. col.* *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. XII. 8⁰. 1885.

Thós y Codina (S.) & **Maureta** (J.) Descripcion física, geológica y minera de la provincia de Barcelona. *See* SPAIN.—*Instituto Geológico de España.* Memorias, *&c.* 8⁰. 1881.

THOSS (CAROLUS GUSTAVUS) [1796-] Dissertatio inauguralis medica de radice Senega, quam . . . præside . . . J. C. F. Levnio . . . defendet auctor, *&c.* *pp. 40.* 4⁰. *Lipsiæ* [1820].

THOUARS (DU PETIT-) *See* DUPETIT-THOUARS.

THOUIN (ANDRÉ) [1747-1824] *See* DICTIONARIES. Nouveau Dictionnaire d'Histoire naturelle, *&c.* 24 Vol. 8⁰. 1803-04.

—— Nouvelle édition, *&c.* 36 Vol. 8⁰. 1816-19.

Thouin (A.) Monographie des Greffes, ou description technique des diverses sortes de Greffes employées pour la multiplication des Végétaux. *pp. 76, 1 tab.* 4⁰. [*Paris*, 1821.]

Thouin (A.) Instruction sur le semis, la plantation et la culture des Arbres. *See* JAUME SAINT-HILAIRE (J. H.) Traité des Arbrisseaux et des Arbustes, *&c.* 4⁰. 1825.

Thouin (A.) Cours de Culture, comprenant la grande et la petite culture des terres . . . un traité de la culture de la Vigne, et des considérations sur la naturalisation des Végétaux . . . publié par O. Leclerc. 3 Vol. & Atlas, *65 pls.* 8⁰. & 4⁰. *Paris*, 1845.

THOULET (MARIE JULIEN OLIVIER) [1843-] Thèses . . . I. Contributions à l'étude des propriétés physiques et chimiques des Minéraux microscopiques. 4⁰. *Paris*, 1880.

Thoulet (M. J. O.) Étude de fonds marins provenant du voisinage des Açores et de la portion orientale de l'Atlantique nord. *See* ALBERT HONORÉ CHARLES, *Prince of Monaco.* Résultats des campagnes scientifiques, *&c.* Fasc. XIX. 4⁰. 1901.

Thoulet (M. J. O.) Océanographie de la région des Açores. *pp. 3.* *See* MONACO.—MUSÉE OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 17. 8⁰. 1904.

Reprinted from the "Compt. Rend. Acad. Sci. Paris." Tom. CXXXVIII.

Thoulet (M. J. O.) Carte Bathymétrique générale de l'Océan. *pp. 27 : 1 map.* *See* MONACO.—MUSÉE OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 21. 8⁰. 1904.

Contains :—
Terminologie des principales formes du relief sous-marin. Par . . . A. Supan.

Thoulet (M. J. O.) Cours d'Océanographie . . . Leçons faites par M. Thoulet. *pp. 10.* *See* MONACO.—MUSÉE OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 34. 8⁰. 1905.

Thoulet (M. J. O.) Mémoires Océanographiques. (Première Série.) *pp. 134 [1] : 9 pls. (1 col.), text illust.* *See* ALBERT HONORÉ CHARLES, *Prince of Monaco.* Résultats des Campagnes Scientifiques, *&c.* Fasc. XXIX. 4⁰. 1905.

Thoulet (M. J. O.) Carte générale Bathymétrique des Océans, dressée par ordre de S.A.S. le Prince de Monaco d'après le mémoire de . . . Prof. Thoulet . . . sous la direction de M. C. Sauerwein . . . par M. Tollemer . . . Échelle 1 : 10,000,000 [*i.e.* 1 in. = 158 m. about]. *See* WORLD. [*Maps.*] 26 sh. *col.* [1905.]

Thoulet (M. J. O.) & **Sauerwein** (C.) Sur la Carte générale Bathymétrique des Océans. Note, *&c.* *pp. 3.* *See* MONACO.—MUSÉE OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 4. 8⁰. 1904.

Reprinted from the "Compt. Rend. Acad. Sci. Paris." Tom. CXXXVIII.

THOUVENIN (MAURICE) Contribution à l'étude anatomique des Racines de la famille des Composées. Thèse, *&c.* *pp. 74 : 6 pls.* 4⁰. *Nancy*, 1884.

THOZET (ANTHELME) [1826?-1878] Notes on some of the Roots, Tubers, Bulbs, and Fruits, used as vegetable food by the Aboriginals of Northern Queensland. *pp. 20.* 8⁰. *Rockhampton*, 1866.

THRAN (CHRISTIAN) Serenissimi Marchionis et Principis Bada-Durlacensis Hortus Carolsruhanus in tres ordines digestus, exhibens nomina Plantarum exoticarum, perennium & annuarum quæ aluntur per C. Thran, horti præfectum accedit Aurantiorum, Citreorum Limonumque Malorum catalogus. Auctore J. Rislero, *&c.* *pp.* [*xiv,*] *224, 14* [*2*]. 8⁰. *Loeraci*, 1747.

THRELKELD (CALEB) [1676-1728] Synopsis Stirpium Hibernicarum alphabetice dispositarum. Sive commentatio de Plantis indigenis præsertim Dublinensibus instituta. Being a short treatise of native Plants, especially such as grow spontaneously in the vicinity of Dublin; with their Latin, English, and Irish names . . . An appendix of observations made upon Plants. By Dr. (T.) Molyneux, *&c.* *pp. 26* [*176,*] *60.* 8⁰. *Dublin*, 1727.

THRESH (JOHN CLOUGH) Buxton as a health resort, *&c.* *pp. 74 : 1 pl., text illust.* 8⁰. *Buxton*, 1883.

THRUM (THOMAS G.) Hawaiian Almanac and Annual for 1892 . . . T. G. Thrum, Compiler, *&c.* *pp. 154 : 2 pls., 1 text illust.* 8⁰. *Honolulu, H.I.*, 1891.

Contains :—
Fruits, indigenous and introduced, of the Hawaiian Islands. *pp. 75-81.*
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THRUPP (J. GODFREY) The Unknown Horn of Africa. An exploration from Berbera to the Leopard River . . . With additions by J. G. Thrupp, *&c.* *See* JAMES (F. L.) 8⁰. 1888.

THUDÉN (CARL J. A.) Om de i Bohusläns postpliocena eller glaciala formation förekommande Mollusker. Zoologisk afhandling, *&c.* *pp. 68.* 8⁰. *Göteborg*, 1866.

THUEME (OSMAR) *See* ZEITSCHRIFT FUER PILZFREUNDE . . . redigiert von O. Thüme. Jahrg. I & II.† 8⁰. 1883, 85.

THUEMEN (Felix Karl Albert von) *Baron* [1839–1892] Die Pilze des Weinstockes. Monographische Bearbeitung der sämmtlichen bisher bekannten, auf den Arten der Gattung *Vitis*, Lin., vorkommenden Pilze. *pp. xx, 225 : 5 pls.* 8⁰. *Wien*, 1878.

Thuemen (F. K. A. von) *Baron.* Fungi Pomicoli. Monographische Beschreibung der auf den Obstfrüchten der gemässigten Climate vorkommenden Pilze. *pp. xii, 143 : 3 pls.* 8⁰. *Wien*, 1879.

Thuemen (F. K. A. von) *Baron.* Die Pocken des Weinstockes. (*Glœosporium ampelophagum*, Sacc.) Beobachtungen gesammelt auf einer . . . Reise. *pp. 34 : 1 pl. col.* 8⁰. *Wien*, 1880.

Thuemen (F. K. A. von) *Baron.* Die Bekämpfung der Pilzkrankheiten unserer Culturgewächse. Versuch einer Pflanzentherapie, *&c.* *pp. x, 157 [3].* 8⁰. *Wien*, 1886.

Thuemen (F. K. A. von) *Baron.* Dr. Dietrich's Forst-Flora . . . Sechste . . . Auflage, von F. von Thümen, *&c.* 3 Bd. *illust.* *See* Dietrich (D. V. F.) Forstflora, *&c.* 4⁰. [1887.]

Thuemen (F. K. A. von) *Baron.* Die Pilze der Obstgewächse. Namentliches Verzeichniss aller bisher bekannt gewordenen und beschriebenen Pilzarten, welche auf unseren Obstbäumen, Obststräuchern und krautartigen Obstpflanzen vorkommen. *pp. iv, 126.* 8⁰. *Wien*, 1887.

Thuemen (F. K. A. von) *Baron.* Pilze. *See* Germany. Die Forschungsreise S.M.S. Gazelle . . . 1874 bis 1876, *&c.* Thl. iv. Botanik. 8⁰. 1889.

THUENGEN (C. E. von) *Baron.* Bilder aus dem Thierleben. 2 Abth. [in 1 Vol.] 8⁰. *Stuttgart*, 1873.

THUERACH (Hans) [1859–] Ueber das Vorkommen mikroskopischer Zirkone und Titan-Mineralien in den Gesteinen. *pp. 82 : 1 pl.* *See* Wurzburg. — physikalisch-medicinische gesellschaft. Verhandlungen, *&c.* Neue Folge, Bd. xviii, no. 10. 8⁰. 1884.

Thuerach (H.) Geognostische Beschreibung der Insel Süd-Georgien. *See* Germany. — *Die Internationale Polarforschung, 1882–1883.* Die Deutschen Expeditionen, *&c.* Bd. ii, no. 7. 8⁰. 1890.

Thuerach (H.) [For descriptive memoirs accompanying sheets of the Survey map] *See* Baden, *Grand Duchy of.—Geologische Landesanstalt.*

THUET (Melchior Jacobus) Disquisitiones anatomicæ Psittacorum. Dissertatio inauguralis, *&c.* *pp. 36 : 2 pls.* 4⁰. *Turici*, 1838.

THUGUTT (Stanisław Józef) [1862–] Mineralchemische Studien, *&c.* *pp. 128 : 1 pl.* 8⁰. *Dorpat*, 1891.
An Inaugural Dissertation.

Thugutt (S. J.) O działaniu barwników organicznych oraz azotanu srebra na Krzemiany. [On the action of organic stains and nitrate of silver on Silicates.] *pp. 19 : 1 text illust.* 8⁰. [*Warsaw*, 1910?]
Chemika Polskiego.

Thugutt (S. J.) O Metanatrolicie.—Ueber den Metanatrolith. 8⁰. *Warszawa*, 1910.
Sprawozd. Tow. Nauk. Warszawsk. Rok iii, zesz. 9, *pp. 409–414 : 1 text illust.*

Thugutt (S. J.) O Alofanoidach. 8⁰. *Warszawa*, 1911.
Sprawozd. Tow. Nauk. Warszawsk. Rok iv, zesz. 6, *pp. 222–228.*

Thugutt (S. J.) Przyczynek do mikrochemii dzeagonitu.—Ueber den Zeagonit im Lichte mikrochemischer Forschungen. 8⁰. *Warszawa*, 1911.
Sprawozd. Tow. Nauk. Warszawsk. Rok iv, zesz. 3, *pp. 90–95.*

Thugutt (S. J.) O reakcyach barwnikowych na Dzeolity. [On the chromatic reactions of Zeolites.] *pp. 10.* 8⁰. [*Warsaw*, 1911.]
Chemika Polskiego.

Thugutt (S. J.) O nowym sposobie mikrochemicznym rozpoznawania Kalcytu.—Sur un nouveau procédé microchimique concernant la Calcite. 8⁰. *Warszawa*, 1911.
Sprawozd. Tow. Nauk. Warszawsk. Rok iv, zesz. 1, *pp. 38–41.*

Thugutt (S. J.) O nowem złożu metameronu Natrolitowego.—Ueber ein neues Vorkommen des metameren Natroliths. 8⁰. *Warszawa*, 1911.
Sprawozd. Tow. Nauk. Warszawsk. Rok iv, zesz. 2, *pp. 77–79.*

Thugutt (S. J.) O Itnerycie i Skolopsycie w świetle mikrochemicznych dochodzeń.—Ueber Ittnerit und Skolopsit im Lichte mikrochemischer Forschungen. 8⁰. *Warszawa*, 1911.
Sprawozd. Tow. Nauk. Warszawsk. Rok iv, zesz. 2, *pp. 79–87.*

Thugutt (S. J.) Stan obecny metod badania mikrochemicznego w Mineralogii i Petrografii. [Present state of the methods of the microchemical investigations in Mineralogy and Petrography.] 8⁰. *Warszawa*, 1913.
Sprawozd. Tow. Nauk. Warszawsk. Rok vi, zesz. 1, *pp. 1–6.*

Thugutt (S. J.) & **Vojtěch** (R.) O Epidesminie, nowym Dzeolicie.—Sur l'Épidesmine, un nouveau Zéolite. 8⁰. *Warszawa*, 1913.
Sprawozd. Tow. Nauk. Warszawsk. Rok vi, zesz. 3 & 4, *pp. 225–234 : 1 pl.*

THUILLIER (Jean Louis) Flore des environs de Paris, ou distribution méthodique des Plantes qui y croissent naturellement, *&c.* *pp. viii, 359 [1].* 12⁰. *Paris*, 1790.

—— Nouvelle édition, *&c.* *pp. xlviii, 550.* 8⁰. *Paris*, An vii [1799].

THULIÉ (Jean Baptiste Henri) [1832–] & **others.** Dictionnaire des Sciences Anthropologiques . . . Publié sous la direction de . . . [B. J. H.] Thulié, *&c.* *See* Bertillon (A.) *& others.* 8⁰. [1884–89.]

THULIN (Gustav) Beiträge zur Kenntnis der Tardigradenfauna Schwedens. *pp. 60 : text illust.* *See* Stockholm.—kongliga svenska vetenskaps-akademien. Arkiv för Zoologi, *&c.* Bd. vii, no. 16. 8⁰. 1911.

THUNBERG (Carl Pehr) [1743–1828] Dissertationes Academicæ Upsaliæ habitæ sub præsidio C. P. Thunberg. [Edited by C. H. Persoon.] 3 Vol. *illust.* 8⁰. *Gottingæ*, 1799–1801.

Vol. i. 1799.
No. [1.] De novis generibus Plantarum. Pars i . . . Resp. C. F. Hornstedt. 1781.
,, [2.] —— Pars ii . . . Resp. C. H. Salberg. 1782.
,, [3.] —— ,, iii . . . ,, J. G. Lodin. 1783.
,, [4.] —— ,, iv . . . ,, P. U. Berg. 1784.
,, [5.] —— ,, v . . . ,, C. F. Blumenberg. 1784.
,, [6.] —— ,, vi . . . ,, G. T. Ström. 1792.
,, [7.] —— ,, vii . . . ,, E. C. Trafvenfeldt. 1792.
,, [8.] —— ,, viii . . . ,, N. G. Bodin. 1798.
,, [9.] De Scientia Botanica utili atque jucunda . . . Resp. J. J. Hedrén. 1793.
,, [10.] De Flora Strengnesensis . . . Resp. C. A. Carlson. 1791.
,, [11.] De usu Menyanthidis trifoliatæ . . . Resp. C. J. Kiellman. 1797.
,, [12.] De Oleo Caiuputi Pars prior . . . Resp. J. G. Soederstedt. 1797.
,, [13.] —— Pars posterior . . . Resp. J. H. Olin. 1797.
,, [14.] De Moxæ atque ignis in medicina rationali usu . . . Resp. J. G. Hallman. 1788.
,, [15.] De Cortice Angusturæ . . . Resp. C. F. Blumenberg. 1793.
,, [16.] De arbore Toxicaria Macassariensi . . . Resp. C. Æimelæus. 1788.
,, [17.] De Medicina Africanorum . . . Resp. P. U. Berg. 1785.
,, [18.] Observationes circa remedia nonnulla indigena . . . Resp. L. M. Holmer. 1790.
,, [19.] De Nautarum valetudine tuenda . . . Resp. O. Acrel. 1795.
,, [20.] Observationes in Pharmacopœam Suecicam. Pars prior . . . Resp. E. S. Bogman. 1796.

[**Thunberg** (C. P.) Dissertationes Academicæ Upsaliæ habitæ, *&c.* (contd.)]

Vol. II. 1800.
No. 1. De Gardenia . . . Resp. P. Djupedius. 1780.
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Thunberg (C. P.) Dissertatio botanica de Melanthio, quam . . . præside C. P. Thunberg . . . subjicit . . . M. Kjerner. *pp. 10.* 4⁰. *Upsaliæ* [1797].

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. II, no. 18. 8⁰. 1800.

Thunberg (C. P.) Dissertatio de usu Menyanthidis trifoliatæ, quam . . . præside C. P. Thunberg . . . p. p. C. J. Kjellman, *&c. pp.* [*ii*,] *6.* 4⁰. *Upsaliæ* [1797].

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. I [no. 11]. 8⁰. 1799.

Thunberg (C. P.) Dissertatio inauguralis medica de Oleo Cajuputi, *&c.* 2 Pt. *pp.* [*iv*,] *18.* 4⁰. *Upsaliæ* [1797].
Pt. I. Præside C. P. Thunberg . . . offert J. G. Söderstedt.
,, II. ,, ,, ,, ,, ,, J. H. Olin.

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. I [no. 12 & 13]. 8⁰. 1799.

Thunberg (C. P.) Beskrifning på Svenske Djur. Första classen, om Mammalia eller Däggande Djuren. *pp.* [*xii*,] *100.* 8⁰. *Upsala*, 1798.

Thunberg (C. P.) Dissertatio botanica de Hydrocotyle, quam . . . præside C. P. Thunberg . . . proponit J. P. Pontén. *pp. 8 : 1 pl.* 4⁰. *Upsaliæ* [1798].

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. II, no. 20. 8⁰. 1800.

Thunberg (C. P.) Arctotis, quam dissertatione botanica . . . præside C. P. Thunberg . . . submittit C. J. Afzelius, *&c. pp. 19.* 4⁰. *Upsaliæ* [1799].

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. II, no. 21. 8⁰. 1800.

Thunberg (C. P.) [Dissertatio de Falcone Canoro, *&c.* *Resp.* G. Rislachi. 4⁰. *Upsaliæ*, 1799.]
Wanting.

—— [Another edition.] *See* supra, Dissertationes Academicæ Upsaliæ habitæ, *&c.* Vol. III, no. 18. 8⁰. 1801.

Thunberg (C. P.) Fructificationis partium varietates, *&c.* 3 Pt. *pp. 31.* 4⁰. *Upsaliæ* [1800–02].
Wanting the first two parts.
[Pt. I. Præside C. P. Thunberg . . . sistit H. W. Romanson. 1800.]
[,, II, sect. 1. Præside C. P. Thunberg . . . submittit J. Ek. 1802.]
,, ,, ,, 2. ,, ,, ,, ,, ,, N. G. Sparrman. 1802.

Thunberg (C. P.) Dissertatio botanica de Blæria, quam . . . præside C. P. Thunberg . . . submittit P. Elmstedt, *&c. pp. 12.* 4⁰. *Upsaliæ* [1802].

Thunberg (C. P.) Dissertatio botanica, qua Aspalathus, *&c.* 2 Pt. *pp. 25.* 4⁰. *Upsaliæ* [1802].
Pt. I. Præside C. P. Thunberg . . . subjicitur ab O. A. Hedenberg.
,, II. ,, ,, ,, ,, ,, ,, J. Hansén.

Thunberg (C. P.) Observationes in Pharmacopœam Suecicam, quas . . . præside C. P. Thunberg . . . proponit L. P. Berg, *&c.* *pp. 12.* 4⁰. *Upsaliæ* [1802].

Thunberg (C. P.) Dissertatio de Antholyza, quam . . . præside C. P. Thunberg . . . p. p. J. Ek, *&c.* *pp. 10.* 4⁰. *Upsaliæ* [1803].

Thunberg (C. P.) Horti Upsaliensis Plantæ cultæ 1780–1800. *pp.* [*iv*,] *43, 11, 10.* 4⁰. *Upsaliæ* [1803–11].

[Pt. I.]	Præside C. P. Thunberg . . .	proponit C. F. Hofverberg.	1803.
,, II.	,, ,, ,, ,,	sistit J. Helin.	
,, III.	,, ,, ,, ,,	,, J. Wetterling.	
,, IV.	,, ,, ,, ,,	,, N. F. Fréese.	
,, V.	,, ,, ,, ,,	,, H. H. Böcker.	
,, VI.	,, ,, ,, ,,	,, F. C. Psilander.	1805.
,, VII.	,, ,, ,, ,,	,, P. M. Peterson.	1811.

Thunberg (C. P.) Dissertatio de Brunia, quam . . . præside C. P. Thunberg . . . proponit J. E. Nyblæus, *&c.* *pp. 8.* 4⁰. *Upsaliæ* [1804].

Thunberg (C. P.) Dissertatio de Phylica, quam . . . præside C. P. Thunberg . . . proponit A. J. Carlstén, *&c.* *pp. 10.* 4⁰. *Upsaliæ* [1804].

Thunberg (C. P.) Reformandæ Pharmacopœæ Svecicæ specimen, *&c.* 10 Pt. 4⁰. *Upsaliæ* [1804–10].

Wanting Sp. I–V & VIII–X.

[Sp. I.	*Præses*	C. P. Thunberg :	*Resp.* L. G. Zethelius.	1804.
Prolegom.	,,	P. Afzelius :	,, J. J. Betulin.	
Sp. II.	,,	,, ,,	,, G. Lunell.	
,, III.	,,	,, ,,	,, N. G. Bodin.	1805.
,, IV.	,,	C. P. Thunberg :	,, E. M. Juhlin.	1806.
,, V.	,,	,, ,, ,,	,, N. G. Sparrman.	1806.]
,, VI.	Præside	,, ,, ,,	. . . subjicit B. F. Levin.	1806.
,, VII.	,,	,, ,, ,,	. . . p. p. E. Edholm.	1807.
[,, VIII.	*Præses*	,, ,, ,,	*Resp.* J. G. Hentzell.	1809.
,, IX.	,,	,, ,, ,,	,, J. J. Rådberg.	1809?
,, X.	,,	,, ,, ,,	,, S. Kjellberg.	1810.]

Thunberg (C. P.) Thesium, quod dissertatione botanica . . . præside C. P. Thunberg . . . submittit B. F. Levin, *&c.* *pp. 13.* 4⁰. *Upsaliæ* [1806].

Thunberg (C. P.) Tractatio anatomica de sedibus materiarum immediatarum in Plantis, quam . . . præside C. P. Thunberg . . . subjicit . . . auctor, *&c.* [Pt. I.] *See* WAHLENBERG (G.) 4⁰. [1806.]

Thunberg (C. P.) Betula, quam dissertatione botanica . . . præside C. P. Thunberg . . . p. p. E. M. Fant, *&c.* *pp. 18 : 1 pl.* 4⁰. *Upsaliæ* [1807].

Thunberg (C. P.) Dissertatio botanica de Dracæna, quam . . . præside C. P. Thunberg . . . committit L. R. N. Dalman. *pp. 8 : 1 pl.* 4⁰. *Upsaliæ* [1808].

Thunberg (C. P.) Dissertatio botanica de Borbonia, quam . . . præside C. P. Thunberg . . . p. p. C. D. v. Haartman, *&c.* *pp. 7 : 1 pl.* 4⁰. *Upsaliæ* [1811].

Thunberg (C. P.) Dissertatio botanica de Cinchona, cujus partem priorem . . . præside C. P. Thunberg . . . p. p. C. P. Forsberg, *&c.* *pp. 10.* 4⁰. *Upsaliæ* [1811].

—— P. II. . . . submittit . . . auctor, *&c.* *See* FORSBERG (C. P.) 4⁰. [1816.]

Thunberg (C. P.) Dissertatio Geographiam Plantarum cultarum adumbrans, quam . . . præside C. P. Thunberg . . . disserit O. A. Robsahm, *&c.* *pp.* [*iv*,] *10.* 4⁰. *Upsaliæ* [1813].

Thunberg (C. P.) Dissertationem botanico-medicam de Rubo . . . præside C. P. Thunberg . . . proponit J. P. Östmark, *&c.* *pp. 12 : 1 pl.* 4⁰. *Upsaliæ* [1813].

Thunberg (C. P.) Dissertationem medico-botanicam de Styrace . . . præside C. P. Thunberg . . . proponit L. J. Prytz, *&c.* *pp.* [*ii*,] *14 : 1 pl.* 4⁰. *Upsaliæ* [1813].

Thunberg (C. P.) Periculum medicum de utilitate Plantarum quarundam Svecicarum . . . præside C. P. Thunberg . . . proponit E. Acrel, *&c.* *pp.* [*iv*,] *9.* 4⁰. *Upsaliæ* [1813].

Thunberg (C. P.) Flora Runsteniensis . . . præside C. P. Thunberg, *&c.* *pp. 32.* 4⁰. *Upsaliæ* [1815–17].

Pt. I.	Præside C. P. Thunberg :	proponit A. Ahlquist.	1815.
,, II.	,, ,, ,, ,,	,, G. Brandel.	1816.
,, III.	,, ,, ,, ,,	,, J. N. Lindström.	1817.
,, IV.	,, ,, ,, ,,	,, P. J. Beurling.	
,, V.	,, ,, ,, ,,	,, P. M. Frigelius.	

Wikström (Conspect. Litt. Bot. Suec.) states that A. Ahlquist was the author of this work.

Thunberg (C. P.) De Narcoticis observationes, quas . . . præside C. P. Thunberg, *&c.* *See* DALMAN (J. W.) 4⁰. [1816.]

Thunberg (C. P.) Dissertatio de Daphne, quam . . . præside C. P. Thunberg . . . proponit auctor, *&c.* *See* WIKSTRÖM (J. E.) 4⁰. [1817.]

Thunberg (C. P.) Dissertatio de viribus et usu Atropæ Belladonnæ, quam . . . præside C. P. Thunberg . . . submittit . . . auctor, *&c.* *See* LINDBOM (O.) 4⁰. [1817.]

Thunberg (C. P.) Plantarum Brasiliensium, *&c.* 3 Dec. [in 1 Vol.] *pp. 38 : 3 pls.* 4⁰. *Upsaliæ* [1817–21].

Dec. I.	Præside C. P. Thunberg . . .	proponit I. Billberg.	1817.
,, II.	,, ,, ,, ,,	p. p. C. G. Ahlberg.	1818.
,, III.	,, ,, ,, ,,	,, C. O. Holm.	1821.

Thunberg (C. P.) De Nutritione Plantarum, *&c.* 3 Pt. *pp* [*iv*,] *32.* 4⁰. *Upsaliæ* [1819].

Pt. I.	Præside C. P. Thunberg . . .	p. p. J. Johansson.
,, II.	,, ,, ,, ,,	,, A. B. Lindroth.
,, III.	,, ,, ,, ,,	,, A. Hedrén.

Thunberg (C. P.) Genera Graminum in Scandinavia indigenorum recognita, quæ . . . præside C. P. Thunberg . . . p. p. auctor, *&c.* *See* HARTMAN (C. J.) 8⁰. [1819.]

Thunberg (C. P.) In genus Echitis observationes, quas . . . præside C. P. Thunberg . . . proponit C. F. Hast, *&c.* *pp. 8 : 1 pl.* 4⁰. *Upsaliæ* [1819].

Thunberg (C. P.) C. P. Thunberg . . . Flora Capensis, sistens Plantas Promontorii Bonæ Spei Africes, secundum systema sexuale emendatum redactas, *&c.* 2 Vol. [in 1.] 8⁰. *Hafniæ*, 1820.

—— Edidit et præfatus est J. A. Schultes. 2 Vol. [in 1.] *pp. 803.* 8⁰. *Stuttgardtiæ*, 1823.

Thunberg (C. P.) Flora Gothoburgensis, *&c.* 3 Pt. *pp. 117.* 8⁰. *Upsaliæ* [1820–24].

Pt. I.	Præside C. P. Thunberg . . .	proponit P. F. Wahlberg. 1820.
,, II.	partic. 1. P. p. P. F. Wahlberg et G. F. Brandsten.	1824.
,, ,,	,, 2. P. p. P. F. Wahlberg et A. T. Wistrand.	1824.

Thunberg (C. P.) De Digitali purpurea dissertatio medica . . . præside C. P. Thunberg . . . p. p. C. A. Thelning, *&c.* *pp.* [*ii*,] *16.* 4⁰. *Upsaliæ* [1822].

Thunberg (C. P.) De Krameria dissertatio botanico-medica . . . quam . . . præside C. P. Thunberg . . . p. p. auctor, *&c.* *See* HARTMAN (C. J.) 4⁰. [1822.]

Thunberg (C. P.) De Plantis Venenatis, *&c.* 2 Pt. *pp. 15.* 4⁰. *Upsala* [1822].

Pt. I.	Præside C. P. Thunberg . . .	p. p. N. J. Ljungberg.
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Thunberg (C. P.) Dissertatio . . . de Hemipteris rostratis Capensibus. 4 Pt. 4⁰. *Upsaliæ* [1822].

Pt. I.	Præside C. P. Thunberg . . .	p. p. J. Bjurstedt.
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Thunberg (C. P.) Ampelis, cujus novas species . . . præside C. P. Thunberg . . . p. p. O. F. Tullberg, *&c.* *pp.* [*ii*,] *6.* 4⁰. *Upsaliæ* [1823].

Thunberg (C. P.) Fauna Americæ miredionalis [*sic*], *&c.* 3 Pt. 4⁰. *Upsaliæ* [1823].
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Thunberg (C. P.) Fauna Guineensis, quam . . . præside C. P. Thunberg . . . p. p. M. Kahn, *&c.* *pp.* [*iv*,] *9.* 4⁰. *Upsaliæ* [1823].

Thunberg (C. P.) Illustratio Animalium Sveciæ rariorum, quam . . . præside C. P. Thunberg . . . p. p. L. G. Tigerhjelm, *&c.* *pp.* [*iv*,] *10 : 1 pl.* 4⁰. *Upsaliæ* [1823].

Thunberg (C. P.) De Ipecacuanha Dissertatio, *&c.* 2 Pt. *pp. 38.* 8⁰. *Upsaliæ* [1824].
Pt. I. Præside C. P. Thunberg . . . conscripsit . . . I. Billberg.
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Thunberg (C. P.) Examen Classis Diandriæ, in Systemate Sexuali . . . præside C. P. Thunberg . . . p. p. E. Swartz, *&c.* *pp. 11.* 4⁰. *Upsaliæ* [1824].

Thunberg (C. P.) Examen Classis Gynandriæ . . . præside C. P. Thunberg . . . p. p. E. T. Tholér, *&c.* *pp. 8.* 4⁰. *Upsaliæ* [1824].

Thunberg (C. P.) Plantarum Japonicarum novæ species, quas . . . præside C. P. Thunberg . . . p. p. O. A. Wallström. *pp. 10 : 1 pl.* 4⁰. *Upsaliæ* [1824].

Thunberg (C. P.) De Galipea cusparia dissertatio botanico-medica, quam . . . præside C. P. Thunberg . . . conscripsit et . . . offert F. Segerstedt, *&c.* *pp.* [*iv*,] *16.* 8⁰. *Upsaliæ* [1825].

Thunberg (C. P.) Dissertatio botanica de Palmis, *&c.* 2 Pt. *pp. 16.* 4⁰. *Upsaliæ* [1825].
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Thunberg (C. P.) Examen Classis Diœciæ, *&c.* 2 Pt. *pp. 18.* 4⁰. *Upsaliæ* [1825].
Wanting the title-page to Pt. II.
Pt. I. Præside C. P. Thunberg . . . p. p. C. Söderberg.
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Thunberg (C. P.) Examen Classis Monœciæ, *&c.* 2 Pt. *pp. 22.* 4⁰. *Upsaliæ* [1825].
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Thunberg (C. P.) Florula Ceilanica, quam . . . præside C. P. Thunberg . . . p. p. J. J. Engholm. *pp. 11.* 4⁰. *Upsaliæ* [1825].

Thunberg (C. P.) Florula Javanica, *&c.* 2 Pt. *pp. 23.* 4⁰. *Upsaliæ* [1825].
Pt. I. Præside C. P. Thunberg . . . p. p. L. Winberg, *&c.*
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Thunberg (C. P.) Insectorum Hemelytrorum tria genera illustrata, quæ . . . præside C. P. Thunberg . . . p. p. P. C. Pontén, *&c.* *pp.* [*ii*,] *10.* 4⁰. *Upsaliæ* [1825].

Thunberg (C. P.) De Erythræis Svecanis dissertatio botanico medica, quam . . . præside C. P. Thunberg . . . conscripsit et . . . offert E. G. Melén, *&c.* *See* MELÉN (E. G.) 4⁰. [1826.]

Thunberg (C. P.) Horti Upsaliensis Plantæ cultæ ab initio sæculi. *pp.* [*iv*,] *71.* 4⁰. *Upsaliæ* [1826].
Pt. I. Præside C. P. Thunberg . . . p. p. A. E. Setterblad.
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" Ultimam " " " " " C. G. Palmgrén.

Thunberg (C. P.) Anvisning till de Svenska pharmaceutiska Växternas igenkännande, *&c.* 2 Pt. *pp. 44.* 8⁰. *Upsala*, 1826-27.
Pt. I. Under C. P. Thunbergs inseende . . . erhållande af P. F. Wahlberg.
" II. " " " " " " " L. Winberg.

Thunberg (C. P.) De Lactucario dissertatio botanico-medica, quam . . . præside C. P. Thunberg . . . offert auctor, *&c.* *See* HUMBLE (A. H.) 4⁰. [1827.]

Thunberg (C. P.) De Pipere Cubeba dissertatio, quam . . . præside C. P. Thunberg . . . p. p. auctor, *&c.* *See* LIEDBECK (P. J.) 4⁰. [1827.]

Thunberg (C. P.) Piper Nigrum dissertatio medica, quam . . . præside C. P. Thunberg . . . offert auctor, *&c.* *See* EDGREN (P. A.) 4⁰. [1827.]

Thunberg (C. P.) Afhandling om de Wäxter, som i Bibelen omtalas, *&c.* 9 Pt. *pp.* [*iv*,] *128.* 8⁰. *Upsala* [1828].
Delen I. C. P. Thunbergs inseende, utgifven af B. T. Modin.
" II. " " " " " " A. Aurell.
" III. " " " " " " C. M. Sundberg.
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" VIII. " " " " " " I. V. Ekermark.
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Thunberg (C. P.) De Gummi Ammoniaco dissertatio, quam . . . præside C. P. Thunberg . . . offert E. Swartz, *&c.* *pp. 8.* 4⁰. *Upsaliæ* [1828].

Thunberg (C. P.) Pharmaco-Kritik, eller Pröfning af Läkemedlens Äkthet och Renhet, med uteslutande hänseende till Svenska Pharmakopéen, *&c.* 2 Pt. *pp. 30.* 8⁰. *Upsala* [1828].
1. C. P. Thunbergs inseende . . . af C. U. Sondén . . . framstäld, *&c.*
2. " " " " " C. H. Jentzen " "

Thunberg (C. P.) Epistolæ ineditæ . . . Thunbergii . . . edidit H. C. van Hall. *See* LINNÆUS (C.) [*Letters.*] Epistolæ ineditæ C. Linnæi, *&c.* 8⁰. 1830.

Thunberg (C. P.) Recensio Orthopterorum. Revue critique des Orthoptères décrits par . . . Thunberg. 3 Vol. *See* STÅL (C.) 8⁰. 1873-75.

Thunberg (C. P.) C. P. Thunberg, Flora Capensis. 8⁰.
The author's original MS.

[Thunbergii Flora Capensis.] fol.
A copy of the preceding by J. Dryander.

THURBER (GEORGE) Catalogue of the plants [Graminiæ] collected upon the [Colorado exploring] expedition. *See* UNITED STATES. Report upon the Colorado River of the West, *&c.* Pt. IV. Botany. 4⁰. 1861.

THUREAU (GUSTAVUS A. H.) Report on the recently discovered Tin ore lode, of the Great Republic Tin Mine, Mount Ben Lomond, County of Cornwall, Tasmania. (Report. [By] H. Rosales.) *pp. 14.* 8⁰. *London*, 1890.

THURET (GUSTAVE) [1817-1875] Recherches sur les Zoospores des Algues et les Anthéridies des Cryptogames. *pp. 93 : 31 pls.* 8⁰. *Paris*, 1851.
Ann Sci. Nat. Botanique. Sér. III, tom. XIV, 1850 & XVI, 1851.

Thuret (G.) Études Phycologiques. Analyses d'Algues Marines . . . Publiées par les soins de . . . É. Bornet. Ouvrage accompagné de cinquante planches gravées d'après les dessins de M. A. Riocreux. *pp. iii, 105 : 51 pls.* fol. *Paris*, 1878.

Thuret (G.) & **Bornet** (J. B. É.) Notes Algologiques, *&c.* 2 Fasc. *See* BORNET (J. B. É.) & THURET (G.) 4⁰. 1876–80.

THURMANN (JULES) [1804–1855] Essai sur les Soulèvemens Jurassiques du Porrentruy, *&c. pp. 84 : 5 pls. col. See* NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, *&c.* Tom. I, livr. 2. 4⁰. 1833.

Thurmann (J.) Énumération des Plantes vasculaires du district de Porrentruy. *pp. [iv,] 54.* 8⁰. *Porrentruy*, 1848.

Thurmann (J.) Essai de Phytostatique appliqué à la chaîne du Jura et aux contrées voisines, ou étude de la dispersion des Plantes vasculaires envisagée principalement quant à l'influence des roches soujacentes. 2 Tom. [in 1] *illust. col.* 8⁰. *Berne*, 1849.

Thurmann (J.) Essai d'Orographie Jurassique. Œuvre posthume, *&c. pp. 168 : 4 pls. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. IV. 4⁰. 1857.

Thurmann (J.) Lethea Bruntrutana, ou études paléontologiques et stratigraphiques sur le Jura Bernois, et en particulier les environs de Porrentruy . . . Œuvre posthume terminée . . . par A. Étallon. (Suite.) *pp. 500 : 65 pls. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. XVIII, XIX & XX. 4⁰. 1861–64.

THURN (EVERARD FERDINAND IM) *See* IM THURN.

THURN (LEONHARD THURNEISSER ZUM) *See* THURNEISSER ZUM THURN.

THURNAM (JOHN) [1810–1873] Description of an ancient tumular Cemetery. *pp. 16 : 3 pls.* 8⁰. [*London*, 1849.]

Archæological Journal. Vol. VI.

Thurnam (J.) On the Ancient British Barrows of Wiltshire and the adjoining counties ; and on the inferences to be deduced from them. 8⁰. *Devizes* [1867].

Thurnam (J.) & **Davis** (J. B.) Crania Britannica. Delineations and descriptions of the Skulls of the aboriginal and early Inhabitants of the British Islands, *&c.* 2 Vol. *See* DAVIS (J. B.) & THURNAM (J.) 4⁰. 1865.

THURNEISSER ZUM THURN (LEONHARD) [1530–1596] Historia, sive descriptio Plantarum omnium . . . earundem . . . virtutes . . . necnon icones . . . proponens : atq; . . . partium omnium corporis humani . . . picturas, & instrumentorum extractioni chymicæ . . . delineationem usumq; . . . complectens, *&c.* Lib. I.† *pp. [xii,] clvi [20] : text illust., engr. title.* fol. *Berlin*, 1578.

Thurneisser zum Thurn (L.) Zehen Bücher von kalten, warmen, minerischen und mettalischen Wassern. Same deren Vergleichung mit den Plantis, oder Erdgewächsen . . . Auffs new durchsehen . . . und verbessert. Dem ein kurtze Beschreibung des selbacher Brunnens oder Badts . . . hinzugethan. Durch J. R. Saltzman. [Edited by J. L. Hauwenreuter.] *pp. [xviii,] 324 [52,] 13 : engr. title.* fol. *Strassburg*, 1612.

THURSTON (EDGAR) [1855–] Preliminary Report on the Marine Fauna of Ráméswaram, and the neighbouring Islands. *See* MADRAS GOVERNMENT MUSEUM. 4⁰. 1887.

Thurston (E.) Catalogue of the Batrachia Salientia and Apoda . . . of southern India. *See* MADRAS GOVERNMENT MUSEUM. 4⁰. 1888.

Thurston (E.) Notes on the Pearl and Chank fisheries and marine fauna of the Gulf of Manaar. *See* MADRAS GOVERNMENT MUSEUM. 4⁰. 1890.

Thurston (E.) A Dictionary of the Economic Products of India . . . Index. Prepared by E. Thurston. *See* WATT (*Sir* G.) 8⁰. 1896.

Thurston (E.) Ethnographic Notes in southern India. *pp. viii, 580 : 40 pls.* 8⁰. *Madras*, 1906.

Thurston (E.) [For official publications as Superintendent] *See* MADRAS GOVERNMENT MUSEUM.

THURY (CÉSAR FRANÇOIS CASSINI DE) *See* CASSINI DE THURY.

THURY (HÉRICART DE) *See* HÉRICART DE THURY.

THURY (MARC JEAN ANTOINE) [1822–1905] Mémoire sur le plan qu'il serait le plus convenable de choisir pour la composition d'une nouvelle Flore de la Suisse, *&c. pp. 37.* 8⁰. *Genève*, 1855.

Thury (M. J. A.) Bulletin du Laboratoire de Botanique générale de l'Université de Genève, publié par M. Thury, *&c. See* GENEVA.—UNIVERSITÉ. Vol. II. 4⁰. 1897.

THWAITES (F. T.) & **Hotchkiss** (W. O.) Map of Wisconsin showing Geology . . . Scale 1 : 380,160, or 6 miles to an inch. 2 sh. *col. See* WISCONSIN, *State of.—Geological & Natural History Survey.* [*Maps.*] 1911.

THWAITES (GEORGE HENRY KENDRICK) [1811–1882] Report on the Royal Botanic Gardens at Peradenia, from Sept. 1855 to Aug. 1856, inclusive. *pp. 22.* 4⁰. *Colombo*, 1856.

Thwaites (G. H. K.) Enumeratio Plantarum Zeylaniæ : an enumeration of Ceylon Plants, with descriptions of the new and little-known genera and species . . . native names, etc., by G. H. K. Thwaites, assisted in the identification of the species and synonymy by J. D. Hooker. *pp. viii, 483.* 8⁰. *London*, [1854–] 1864.

TIBBINS (J.) & **Fleming** (C.) Royal Dictionary : English and French and French and English (—Grand Dictionnaire), *&c.* 2 Vol. *See* FLEMING (C.) & TIBBINS (J.) 4⁰. 1849.

—— [Another edition.] 4⁰. 1875–77.

—— [Another edition.] 4⁰. 1878.

TICHOMIROW (ALEXANDER) *See* TĪKHOMĪROV (A. A.)

TICINUM *See* PAVIA.

TIDDEMAN (RICHARD HILL) [1842–] Carboniferous Rocks of the upper Aire valley, and their physical history. *See* MIALL (L. C.) Handbook for Leeds, *&c.* 8⁰. 1890.

Tiddeman (R. H.) [For contributions to the Geology of the country around Bridgend] *See* GREAT BRITAIN & IRELAND.—*Geological Survey : England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. VI. 8⁰. 1904.

Tiddeman (R. H.) [For official publications in connection with Memoirs illustrating the Map] *See* GREAT BRITAIN & IRELAND.—*Geological Survey : England & Wales.* 8⁰.

Tiddeman (R. H.) & **others.** The Geology of the Burnley Coalfield, *&c.* *See* GREAT BRITAIN & IRELAND. —*Geological Survey: England & Wales.* Memoirs, *&c.* 8⁰. 1875.

Tiddeman (R. H.) & **others.** The country around Swansea . . . By A. Strahan . . . (With parts by R. H. Tiddeman), *&c.* *See* GREAT BRITAIN & IRELAND.— *Geological Survey: England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. VIII. 8⁰. 1907.

TIDSSKRIFT FOR NATURVIDENSKABERNE. Udgivet af H. C. Örsted, J. W. Hornemann, J. [C. H.] Reinhardt. Bd. I–V.† 8⁰. *Kjöbenhavn*, 1822–28.

TIDSSKRIFT FOR PHYSIK OG CHEMI samt disse Videnskabers Anvendelse. Udgivet af A. Thomsen og J. Thomsen. Aarg. I–XVIII. 8⁰. *Kjøbenhavn*, 1862–79.

—— Register, *&c.* 8⁰. *Kjøbenhavn*, 1887.

—— Udgivet af A. Thomsen, *&c.* Ræk. II, bd. I–XII. 8⁰. *Kjøbenhavn*, 1880–91.

—— Register, *&c.* 8⁰. *Kjøbenhavn*, 1892.

—— Ræk. III, bd. I–III. 8⁰. *Kjøbenhavn*, 1892-94.

TIDYMAN (PHILIPPUS) [–1850] Dissertatio inauguralis de Oryza sativa, *&c.* *pp. 28 : 2 pls.* 4⁰. *Gottingæ*, 1800.

TIEDEMANN (FRIEDRICH) [1781–1861] Zoologie. Zu seinen Vorlesungen entworfen. 3 Bd. 8⁰. *Landshut & Heidelberg*, 1808–14.

Bd. II & III have a second title, which reads :—"Anatomie und Naturgeschichte der Vogel," and under that title were also issued as an independent work.

Tiedemann (F.) Anatomie des Fischherzens. *pp. 41 : 4 pls.* 4⁰. *Landshut*, 1809.

Tiedemann (F.) Anatomie und Naturgeschichte des Drachens. *pp.* [*x,*] *52 : 3 pls.* 4⁰. *Nürnberg*, 1811.

Tiedemann (F.) Anatomie der Röhren-Holothurie des pomeranzfarbigen Seesterns und Stein-Seeigels. Eine . . . Preisschrift. *pp. vii, 98 : 10 pls.* fol. *Landshut*, 1816.

The plates have a separate title-page, which reads "Abbildungen zur Anatomie der Röhren-Holothurie," *&c.*

Tiedemann (F.) Anatomie und Bildungsgeschichte des Gehirns im Fœtus des Menschen, nebst einer vergleichenden Darstellung des Hirnbaues in den Thieren. *pp. viii* [*ii,*] *172 : 7 pls.* 4⁰. *Nürnberg*, 1816.

Tiedemann (F.) Anatomie du Cerveau, contenant l'histoire de son développement dans le Fœtus . . . Traduite de l'Allemand, avec un discours préliminaire sur l'étude de la Physiologie en général, et sur celle de l'action du Cerveau en particulier, par A. J. L. Jourdan, *&c.* *pp. liii, 325 : 14 pls.* 8⁰. *Paris*, 1823.

Tiedemann (F.) Abhandlung über das vermeintliche bärenartige Faulthier. *pp. 11 : 1 pl.* 4⁰. *Heidelberg*, 1820.

Tiedemann (F.) F. Tiedemann . . Icones cerebri Simiarum et quorundam Mammalium rariorum. *pp. 55 : 5 pls.* fol. *Heidelbergæ*, 1821.

Each plate is accompanied by a lettered key-plate.

Tiedemann (F.) [F. Tiedemanni Tabulæ Arteriarum corporis Humani. fol. *Carlsruhæ*, 1822.]

Wanting.

Plates of the Arteries of the Human body, after F. Tiedemann . . . Third edition. *See* MITCHELL (E.) 4⁰. 1835.

Tiedemann (F.) *See* ZEITSCHRIFT FUER PHYSIOLOGIE . . . herausgegeben von F. Tiedemann, *&c.* Bd. I–V.† 4⁰. 1824–35.

Tiedemann (F.) Das Hirn des Negers mit dem Europäers und Orang-outangs verglichen. *pp. vi* [*i,*] *84 : 6 pls.* 4⁰. *Heidelberg*, 1837.

Published originally in English in the "Philosophical Transactions of the Royal Society" for 1836.

Tiedemann (F.) & **others.** Naturgeschichte der Amphibien, von F. Tiedemann, M. Oppel und J. Liboschitz. Hft. I.† Gattung Krokodil. *pp. viii, 88 : 15 pls.* (*col.*) fol. *Heidelberg*, 1817.

TIEGHEM (PHILIPPE ÉDOUARD LÉON VAN) [1839–] Thèses . . . Recherches sur la structure des Aroïdées. *pp. 139 : 10 pls.* 4⁰. *Paris*, 1867.

An excerpt on Large Paper from the "Ann. Sci. Nat. Botanique." Sér. V, tom. VI, 1866.

Tieghem (P. É. L. VAN) Recherches sur la structure du Pistil et sur l'anatomie comparée de la Fleur. *pp. 261 : 16 pls.* 4⁰. *Paris*, 1871.

Wanting Pl. A.

Tieghem (P. É. L. VAN) *See* ANNALES DES SCIENCES NATURELLES . . . redigées . . . pour la Botanique par . . . P. van Tieghem. Sér. VI, tom. XIII→ 8⁰. 1882→

Tieghem (P. É. L. VAN) Traité de Botanique. *pp. xxxi, 1656 : text illust.* 8⁰. *Paris*, 1884.

Cours Complet d'Histoire Naturelle.

—— Deuxième édition, *&c.* *pp. xxxi, 1855 : text illust.* 8⁰. *Paris*, 1891.

Tieghem (P. É. L. VAN) Éléments de Botanique. 2 Vol. [in 1] *illust.* 8⁰. *Paris*, 1886–88.

Tieghem (P. É. L. VAN) Ueber Van Tieghem's neueste Auffassung des Grascotyledons. Von L. J. Čelakovský. *pp. 14.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1897, no. 55. 8⁰. 1898.

Tieghem (P. É. L. VAN) La valeur de la couche amylifère dans la tige, et la théorie stélaire de Van Tieghem, par V. Grégoire. *pp. 8.* *See* BRUSSELS.— SOCIÉTÉ SCIENTIFIQUE. Annales, *&c.* Tom. XXXIV, fasc. 2. (Mémoires.) 8⁰. 1910.

TIELE (PIETER ANTON) [1834–1880] Nederlandsche Bibliographie van Land- en Volkenkunde. *pp. vii, 288.* 8⁰. *Amsterdam*, 1884.

Tiele (P. A.) The Voyage of J. Huyghen van Linschoten to the East Indies . . . Edited . . . the second volume [with introduction] by . . . P. A. Tiele. *See* HAKLUYT SOCIETY. Works, *&c.* No. 71. 8⁰. 1885.

TIEMANN (HERMANN) Ueber die Bildung der primitiven Choane bei Säugetieren. *pp. 19. 1 pl.* *See* WURZBURG.—PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XXX, no. 5. 8⁰. 1896.

TIEMEROTH (JOHANNES HENRICUS) Dissertatio inauguralis botanico-medica, sistens Plantam ac Fructum Ananas, hucusque usum medicum, *&c.* *pp. 16.* 4⁰. *Erfordiæ* [1723].

TIERREICH. Das Tierreich, *&c.* *See* LEIPSIC.— DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. 8⁰. 1897→

TIESSEN (ERNST GEORG) [1870–] Die subhercyne Tourtia und ihre Brachiopoden- und Mollusken-Fauna. Inaugural-Dissertation, *&c.* *pp. 30.* 8⁰. *Berlin*, 1895.

Tiessen (E. G.) China, das Reich der achtzehn Provinzen. Thl. I. Die allgemeine Geographie des Landes. *pp. xi, 426 : 31 pls., 1 map col., text illust.* 8⁰. *Berlin*, 1902.

Bibliothek der Länderkunde. Bd. x & xi.

Tiessen (E. G.) China . . . Dritter Band : Das südliche China . . . Herausgegeben von E. Tiessen. *See* RICHTHOFEN (F. P. W. VON) *Baron.* 4⁰. 1912.

TIETKENS (WILLIAM HENRY) Journal of the Central Australian exploring expedition, 1889, under command of W. H. Tietkens, *&c.* *See* SOUTH AUSTRALIA. 8⁰. 1891.

TIETZ (A. O. Q.) Über die Keimung einiger Coniferen und Laubhölzer bei verschiedenen aber constanten Temperaturen. Inaugural-Dissertation, *&c.* *pp. 44 : 8 pls.* 8⁰. *Reudnitz-Leipzig* [1876].

TIETZE (EMIL ERNST AUGUST) [1845–] Ueber die devonischen Schichten von Ebersdorf, unweit Neurode in der Grafschaft Glatz, *&c.* *pp. 56 : 2 pls.* 8⁰. *Cassel*, 1870.

Palaeontographica. Bd. XIX.

Tietze (E. E. A.) Das östliche Bosnien. *See* MOJSISOVICS VON MOJSVÁR (J. A. G. E.) *& others.* Grundlinien der Geologie von Bosnien-Hercegovina, *&c.* II. 8⁰. 1880.

Tietze (E. E. A.) Fossile Pflanzen aus der Albourskette gesammelt von E. Tietze. *See* BIBLIOTHECA BOTANICA. Hft. 6. 4⁰. 1887.

TIFFANY & Co. Catalogue de la Collection de Pierres Précieuses . . . exposées par la Maison Tiffany & Co. à la Section Minière des États-Unis, *&c.* *See* PARIS. —*Exposition Universelle, 1900.* 8⁰. (1900.)

Tiffany & Co. Natal Stones : sentiment and superstition connected with Precious Stones (Ninth edition). *See* KUNZ (G. F.) 12⁰. [1902.]

TIFFEREAU (C. THÉODORE) Les Métaux sont des Corps composés . . . Suivi de Paracelse et l'Alchimie au XVIᵉ Siècle, par M. Franck . . . Deuxième édition, *&c.* *pp. xxii, 134.* 8⁰. *Vaugirard*, 1857.

The first edition appeared in 1855.

TIFLIS.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. (*Kaukasisches Museum und Oeffentliche Bibliothek.*) [Established 1865.]
Bericht, *&c.* 1892–1905. 8⁰. *Tīflīs*, 1892–1906.

No report was issued for 1902. Those for 1906→ formed part of the "Īzvyestiya," Tom. III→ [*q. v.* infra].

Tiflis.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. Īzvyestiya (Mittheilungen), *&c.* Tom. I→ 8⁰. *Tīflīs*, 1897→

Tiflis.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. Kollektziĭ . . . Muzeya, *&c.*—Die Sammlungen des . . . Museums, *&c.* RUSS. & GERM. Tom. I→ *illust. col.* 4⁰. *Tīflīs*, 1899→

Tiflis.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. Lososevniya (Salmonidæ) Kavkaza ī Zakavkaz'ya. Sochīnenie Th. Th. Kavraĭskagho.—Die Lachse der Kaukasusländer und ihrer angrenzenden Meere. Von F. F. Kawraisky. RUSS. & GERM. 2 Pt. *illust.* 8⁰. *Tīflīs*, 1896, 97.

Tiflis.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. Karpovniya (Cyprinidæ) Kavkaza ī Zakavkaz'ya. Sochīnenie S. N. Kamenskagho.—Die Cypriniden der Kaukasusländer und ihrer angrenzenden Meere. RUSS. & GERM. 2 Pt. *illust.* 8⁰. *Tīflīs*, 1899, 1901.

Tiflis.—KAVKAZSKIĬ MUZEĬ Ī PUBLĪCHNAYA BĪBLIOTEKA. Osetrovniya (Acipenseridæ) Kavkaza ī Zakavkaz'ya. Sochīnenie Th. Th. Kavraĭskagho.—Die Störarten der Kaukasusländer und ihrer angrenzenden Meere. Von F. F. Kawraisky. RUSS. & GERM. *pp. xi, 78, 52 : 13 pls.* 8⁰. *Tīflīs*, 1907.

TIFLIS. — KAVKAZSKOE GHORNAYA UPRAVLENIE. [*Caucasian Mining Bureau.*]
[1868? *Upravlenie Ghornoyu chast'yu na Kavkazye ī za Kavkazom.*
1887 *Upravlenie Ghornoyu chast'yu na Kavkazskagho Kraya.*
1893 *Kavkazskoe Ghornaya Upravlenie.*]
Materialui dlya Gheologhiī Kavkaza. Īzslyedovaniya, 1874–83. 8⁰. & 4⁰. *Tīflīs*, 1875–86.

—— Ser. II, knīgha I–X. 8⁰. & 4⁰. *Tīflīs*, 1887–97.

—— Ser. III, knīgha I→ 8⁰. *Tīflīs*, 1898→

Tiflis.—KAVKAZSKOE GHORNAYA UPRAVLENIE. Gheologhīcheskoe opīsanie chastī Kutaīsskagho uyezda, Kutaīsskoĭ ghubernīi, īzvyestnoĭ pod īmenem Okrība, īzslyedovannoĭ (. . . 1872 po . . . 1873) . . . Ghornuim Inzhenerom Batzevīchem ī gh. Sīmonovīchem. [Geological description of the part of the Kutaïs district, Kutaïs Government, known by the name of Okriba.] *pp. 36 : 1 map.* 8⁰. *Tīflīs*, 1873.

TIFLIS.—TĪFLĪSSKIĬ BOTANĪCHESKIĬ SAD. [*Tiflis Botanic Garden.*] Trudui, *&c.* Vuip. I–III. 8⁰. *Tīflīs*, 1895–99.

TIGERHJELM (LAURENTIUS GUST) Illustratio Animalium Sveciæ rariorum . . . p. p. L. G. Tigerhjelm. *See* THUNBERG (C. P.) 4⁰. [1823.]

TIGERSTEDT (AXEL FREDRIK) [For official publications in connection with the "Kartblad"] *See* FINLAND.—*Finlands Geologiska Undersökning.*

TIGERSTEDT (ROBERT) & **Hjelt** (E.) Johan Gadolin. 1760–1852. In Memoriam . . . Herausgegeben von E. Hjelt und R. Tigerstedt. *pp. xcviii [iv,] 287 : 1 port.* *See* HELSINGFORS. — FINSKA VETENSKAPS-SOCIETETEN. Acta, *&c.* Tom. XXXIX. 4⁰. 1910.

TIGERSTRÖM (CARL JOHAN) Stirpes agri Rotnoviensis . . proponunt . . . A. E. Lindblom et C. J. Tigerström . . . P. III. *See* LINDBLOM (A. E.) 8⁰. 1829.

TIGNY (F. MARTIN GROSTÊTE T. DE) [1736–1799] Histoire naturelle des Insectes, *&c.* 10 Tom. *col. illust.* *See* BUFFON (G. L. L. DE) *Count.* Histoire naturelle . . . classée . . . par R. R. Castel, *&c.* 18⁰. An X [1802].

—— Seconde édition. 10 Tom. *col. illust.* 18⁰. *Paris*, 1813.

The "Discours sur les Insectes" and the general remarks on the different orders were written, after the death of the author, by Alex. Brongniart. According to Larousse (Grande Dict. Univ.), the work was really from the pen of Madame De Tigny.
A third edition was issued in 1828 by Roret, who also published about 1830 the set of plates, with explanations, entitled "Atlas des Insectes."

TIHAVSKY (FRANCISCI) De Metallis e terris obtinendis. *See* JACQUIN (N. J. VON) *Baron.* N. J. Jacquin Collectanea, *&c.* Vol. IV, no. 1. 4⁰. 1790.

TIHON (F.) & **Fraipont** (J. J. J.) Explorations scientifiques des cavernes de la vallée de la Mehaigne. 2 Pt. *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés . . . Collection in-8⁰. Tom. XLIII, no. 5 ; LIV. 8⁰. 1889, 96 [–97].

TIJDSCHRIFT VOOR ENTOMOLOGIE. Uitgegeven door de . . . Vereeniging, *&c.* Deel I→ *See* HAGUE, THE.—NEDERLANDSCHE ENTOMOLOGISCHE VEREENIGING. 8⁰. 1857→

TIJDSCHRIFT VOOR NATUURLIJKE GESCHIEDENIS EN PHYSIOLOGIE. Uitgegeven door J. van der Hoeven . . . en W. H. de Vriese, *&c.* Deel I–XII.† 8⁰. *Amsterdam*, 1834–45.

TĪKHOMĪROV (ALEKSANDR ANDREEVĪCH) [1850–] Zamyetka o koroyedakh īz rodov *Scolytus* ī *Phlœophthorus.* [Observations on the bark-borers belonging to the genera *Scolytus* and *Phlœophthorus.*] *See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. XXIII, vuip. 2. 4⁰. 1877.

Tīkhomīrov (A. A.) Īstoriya razvītiya Tutovagho Shelkopryada (*Bombyx mori*, L.) v yaĭtzye. [History of the development of the Mulberry Silk-worm (*B. mori*, L.) in the egg.] *pp. vii, v, 79 (1): 3 pls., text illust. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. XXXII, vuip. 4. 4⁰. 1882.

Tīkhomīrov (A. A.) K voprosu o Ghermafrodītizmui u Ptītz . . . Po materialom dostavlennuim A. S. Batashevuim. [On the question of Hermaphroditism in Birds. From materials procured by A. S. Batashev.] *pp. ii, 29 (1): 3 pls., text illust. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. LII, vuip. 4. 4⁰. 1887.

Tīkhomīrov (A. A.) K īstoriī razvītiya Ghīdroīdov. [On the development of Hydroids.] *pp. ii, 69: 2 pls., text illust. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. L, vuip. 2. 4⁰. 1887.

Tīkhomīrov (A. A.) Aus der Entwicklungsgeschichte der Insecten. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

Tīkhomīrov (A. A.) & **Korchaghīn** (A. N.) Spīskī ī opīsanie kollektziī Mlekopītayushchikh Muzeya. [List and description of the collection of Mammalia in the Zoological Museum of the University of Moscow.] *pp. 31. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. LVI, vuip. 4. 4⁰. 1889.

TĪKHOMĪROV (VLADĪMIR ANDREEVĪCH) [1841–] Materialui dlya blīzhaĭshago znakomstva s biologhieyu ī stroeniem Trīkhīnui, *Trichina spiralis*, Owen. [Materials towards a better knowledge of the biology and structure of *Trichina spiralis*, Owen.] *pp. 25: 1 pl. col., text illust. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. XXXVII, prīlozh. no. 1. 4⁰. 1880.

TILDEN (JOSEPHINE ELIZABETH) *Miss.* Algæ collecting in the Hawaiian Islands. *See* ST. PAUL, *Minnesota. — Minnesota Seaside Station.* Postelsia: the Year Book of the . . . Station. 1901. 8⁰. 1902.

Tilden (J. E.) *Miss.* Minnesota Algæ. Vol. I→ *illust. See* MINNESOTA, *State of. — Geological and Natural History Survey.* Reports of the Survey. Botanical Series, VIII. 8⁰. 1910.

TILDEN (*Sir* WILLIAM AUGUSTUS) [1842–] Introduction to the study of Chemical Philosophy . . . Fifth edition. *pp. xvi, 297.* 8⁰. *London*, 1886.

One of Longman's "Text-books of Science."
The first edition appeared in 1876.

TILEMANNUS (GEORGIUS TIMOTHEUS) Decreto . . . medicorum ordinis . . . Specimen hoc inaugurale de Rosa, præside . . . D. R. G. Krauss . . . submittit G. T. Tilemannus, *&c.* *See* CRAUSIUS (R. G.) 4⁰. [1674.]

TILESIUS (A. VON) Naturhistorische Abhandlungen und Erläuterungen besonders die Petrefactenkunde betreffend. *pp. xiv, 154: 8 pls. col.* 4⁰. *Cassel*, 1826.

TILESIUS (GUILIELMUS THEOPHILUS) *See* TILESIUS VON TILENAU (W. G.)

TILESIUS VON TILENAU (WILHELM GOTTLIEB) [1769–1857] Musæ Paradisiacæ, quæ nuper Lipsiæ floruit. ([Dissertatio] Præside B. N. G. Schreger . . . disputando exercentur . . . G. G. Tilesius, *&c.*) *See* SCHREGER (B. N. G.) 8⁰. [1792.]

Tilesius von Tilenau (W. G.) Disquisitio Ampullularum Lieberkühnii physico-microscopica. Sectio prima . . . proposuit R. A. Hedwig . . . adsumto socio G. T. Tilesio. *See* HEDWIG (R. A.) 4⁰. [1797.]

Tilesius von Tilenau (W. G.) De respiratione Sepiæ officinalis, L., dissertatio, *&c.* *pp. 88: 2 pls.* 4⁰. *Lipsiæ* [1801].

Tilesius von Tilenau (W. G.) Ueber die sogenannten Seemäuse, oder hornartigen Fischeyer, nebst anatomisch-physiologischen Bemerkungen über die Fortpflanzungsweise der Rochen und Hayfische, *&c.* *pp. xxii, 171: 5 pls. col.* 4⁰. *Leipzig*, 1802.

Tilesius von Tilenau (W. G.) Naturhistorische Früchte der ersten Kaiserlich-Russischen, unter dem Kommando des Herrn v. Krusenstern glücklich vollbrachten Erdumseeglung [*sic*], gesammelt. *pp. 130: 5 pls. col.* 4⁰. *St. Petersburg*, 1813.

The plates are numbered i, xxiii, xciv and xcv; the second one is plain, and there are both plain and coloured copies of the three last.
This work is a re-issue, under a separate title-page, of a portion of Thl. III of A. J. von Krusenstern's "Reise um die Welt in den Jahren 1803–06," *&c.*, 1810–13, and contains:—
[I.] Ueber die Seeblasen.
II. Bemerkungen über den Jocko, oder Orang-Outang von Borneo, *&c.*

Tilesius von Tilenau (W. G.) Animalia Monocardia, seu frigidi sanguinis imperii Rosso-Asiatici . . . Supplendis quibusdam Ranarum descriptionibus et iconibus inprimis Piscium Camtschaticorum auxit et locupletavit G. T. Tilesius. *See* PALLAS (P. S.) Zoographia Rosso-Asiatica, *&c.* Bd. III. 4⁰. [1814 ?]

Tilesius von Tilenau (W. G.) On the Mammoth, or fossil Elephant, found in the ice, at the mouth of the River Lena, in Siberia. *pp. 15: 1 pl.* 4⁰. *London*, 1819.

Translated and abridged from the "Mém. Acad. imp. Sci. St.-Pétersbourg." Vol. V.

TILINGIUS (MATHIAS) [1634–1685] M. Tilingii . . . Lilium curiosum, seu accurata Lilii albi descriptio in qua ejus natura & essentia mirabilis . . . revelantur. *pp. 576.* 8⁰. *Francofurti ad Mœnum*, 1683.

TILLÆUS (PETRUS C.) Potus Theæ, quem dissertatione . . . submittit . . . P. C. Tillæus, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1765.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VII, no. 138. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

—— [Another edition.] *See* LINNÆUS (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. II. 8⁰. 1786.

Tillæus (P. C.) Vom Theetrank. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. I, no. 4. 8⁰. 1776.

TILLANDZ (ELIAS) Försök att bestämma de af E. Tillandz i hans "Catalogus Plantarum" upptagna vexter. *See* HJELT (O. E. A.) 8⁰. [1869.]

TILLEY (HENRY ARTHUR) Japan, the Amoor, and the Pacific; with notices of other places comprised in a voyage of circumnavigation . . . in 1858–1860. *pp. xii, 405 : 8 pls.* 8⁰. *London*, 1861.

TILLI (JOANNES LAURENTIUS) Enumeratio Stirpium in Horto Academico Pisano viventium anno 1810, *&c. pp. 47.* 4⁰. *Pisis*, 1810.

TILLI (MICHAEL ANGELUS) [1655–1740] Catalogus Plantarum Horti Pisani, *&c. pp. xii, 184 : 50 pls., 1 plan, 1 port.* fol. *Florentiæ*, 1723.

Tilli (M. A.) [Autograph] Specimen Plantarum quæ in Horto Medico Sapientiæ Pisanæ locisque finitimis extant. 3 Vol. fol. 1713–30.
Banksian MSS. [No. 111.]

TILLING (HEINRICH) & **Regel** (E. A. VON) Florula Ajanensis, *&c. See* REGEL (E. A. VON) & TILLING (H.) 4⁰. 1858.

TILLINGHAST (WILLIAM HOPKINS) Notes on the historical hydrography of the Handkerchief Shoal in the Bahamas. *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Library.* Bibliographical Contributions, *&c.* No. 14. 8⁰. 1881.

TĪLLO (ALEKSYEĬ ANDREEVĪCH) [1839–1899] Obshchaya Gheologhīcheskaya karta Evropeĭskoĭ Rossiĭ. List 139 . . . Absolyutnuiya vuisotui v yuzhnom Uralye, *&c.*—Carte Géologique générale de la Russie d'Europe. Feuille 139 . . . Hauteurs absolues de l'Oural méridional, *&c.* RUSS., & FR. *résumé. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Mémoires, *&c.* Vol. III, no. 2. 4⁰. 1886.

TILLOCH (ALEXANDER) [1759–1825] The Philosophical Magazine (and Journal) . . . By A. Tilloch. Vol. I–LXV. *See* LONDON, EDINBURGH AND DUBLIN PHILOSOPHICAL MAGAZINE. 8⁰. 1798–1825.

TIMBAL-LAGRAVE (ÉDOUARD PIERRE MARGUERITE) [1819–1888] Étude sur quelques Cistes de Narbonne. *pp. 33.* 8⁰. *Toulouse*, 1861.
Mém. Acad. imp. Sci. Toulouse. Sér. V, tom. V.

Timbal-Lagrave (É. P. M.) Reliquiæ Pourretianæ. *pp. 148 : 1 pl., 1 port.* 8⁰. *Toulouse*, 1875.
Bull. Soc. Sci. phys. & nat. Toulouse. Vol. II.

Timbal-Lagrave (É. P. M.) Essai monographique sur les *Dianthus* des Pyrénées Françaises. *pp. iv, 26 : 32 pls.* 8⁰. *Perpignan*, 1881.
Bull. Soc. Agric. Sci. Lit. Pyrénées-Orientales. Tom. XXV.

TIMBAL-LAGRAVE (J. N. A. N.) Essai sur le Jalap, *&c.* [Thesis.] *pp. 18.* 4⁰. *Montpellier*, 1817.

TIMBERLAKE (PHILIP H.) Experimental parasitism : a study of the biology of *Limnerium validum* (Cresson). *See* UNITED STATES.—*Department of Agriculture.—Entomology Division.* Technical Series No. 19, pt. V. 8⁰. 1912.

TIMEHRI, *&c.* Vol. I→ *See* ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY OF BRITISH GUIANA. 8⁰. 1882→

TIMKÓ (EMERICH) *See* TIMKÓ (IMRE).

TIMKÓ (IMRE) & **others.** Az Ecsedi láp Agrogeologiai viszonyai. *pp. 46 : 1 pl., 2 maps (1 geol. col.), text illust.*—Ueber die agrogeologischen Verhältnisse des Ecsedi láp. *pp. 50, 2 : 1 pl., 2 maps (1 geol. col.), text illust. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XIV, füz. 5. 8⁰. 1905.

TĪMKOVSKIĬ (EGHOR FEDOROVĪCH) Voyage à Pékin à travers la Mongolie, en 1820 et 1821 . . . traduit du Russe par M. N********, revu par M. J. B. Eyriès; publié, avec . . . notes, par M. J. Klaproth, *&c.* 2 Tom. & Atlas, *12 pls.* 8⁰. & 4⁰. *Paris*, (1826–) 1827.

TIMKOVSKY (G.) *See* TĪMKOVSKIĬ (E. F.)

TIMM (C. T.) & **Wahnschaff** (T.) Beiträge zur Laubmoosflora der Umgegend von Hamburg. *pp. 50. See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. XI, hft. III, no. 2. 4⁰. 1891.

TIMM (JOACHIM CHRISTIAN) [1734–1805] Floræ Megapolitanæ prodromus, exhibens Plantas ducatus Megapolitano-Suerinensis spontaneas, *&c. pp. xvi, 284.* 4⁰. *Lipsiæ*, 1788.

TIMM (RUDOLF) Beiträge zur Kenntnis unserer Moosflora. *pp. 48 : text illust. See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. XIX, no. 2. 4⁰. 1907.

TIMOR. [*Maps.*] *See* STEMFOORT (J. W.) & SIETHOFF (J. J. TEN) Atlas der Nederlandsche Bezittingen in Oost-Indië. 1883–85.

TIMUR, *Sultan* [1336–1405] Narrative of the Embassy of R. Gonazalez de Clavijo to the Court of Timour . . . with . . . an introductory life of Timour Beg, by C. R. Markham, *&c. See* HAKLUYT SOCIETY. Works, *&c.* No. 26. 8⁰. 1859.

TINANT (FRANÇOIS A.) Flore Luxembourgeoise, ou description des Plantes Phanérogames recueillies et observées dans le Grand-Duché de Luxembourg, *&c. pp. 512.* 8⁰. *Luxembourg*, 1836.

TINELLI (GIOVANNI) [1759–1836] Dizionario elementare di Botanica. *pp. viii, 254.* 8⁰. *Mantova*, 1809.

TINEO (VICENTIUS) [1791–1856] Plantarum rariorum Siciliæ minus cognitarum. Pugillus primus, *&c. pp. 22.* 12⁰. *Panormi*, 1817.

Tineo (V.) Catalogus Plantarum Horti Regii Panormitani ad annum 1827, *&c. pp. [viii,] 284.* 4⁰. *Panormi*, 1827.

TINNE (ALEXANDRINE P. F.) [1839–1869] Plantes Tinnéennes, ou description de quelques-unes des Plantes recueillies par l'expédition Tinnéenne [undertaken in Africa by H. M. L. and A. P. F. Tinne], *&c. See* KOTSCHY (T.) & PEYRITSCH (J.) fol. 1867.

TINNE (HENRIETTE MARIE LOUISE) [–1863] Plantes Tinnéennes, ou description de quelques-unes des Plantes recueillies par l'expédition Tinnéenne [undertaken in Africa by H. M. L. and A. P. F. Tinne], *&c. See* KOTSCHY (T.) & PEYRITSCH (J.) fol. 1867.

TIPPELSKIRCH (LEOPOLD VON) Die geologischen Ergebnisse der Irangi-Expedition. *See* WERTHER (C. W.) Die mittleren Hochländer des nördlichen Deutsch-Ost-Afrika, *&c.* 8⁰. 1898.

TIPPENHAUER (LOUIS GENTIL) [1867–] Die Insel Haiti. *pp. xviii, 693 : 32 pls. (6 geol. col.), text illust.* 4⁰. *Leipzig*, 1893 [*i.e.* 1892].

TIRANT (Gilbert) Notes sur les Reptiles et les Batraciens de la Cochinchine et du Cambodge. *pp. 104.* 8⁰. *Saigon*, 1885.

Tirant (G.) [Lists of Batrachia and Reptilia cited from Indo-China.] *See* Pavie (A.) Mission Pavie Indo-Chine, *&c.* 4⁰. 1904.

TISCHLER (Georg Friedrich Leopold) & **Eriksson** (J.) Ueber das vegetative Leben der Getreiderostpilze, *&c.* 4 Pt. *illust.* *See* Stockholm. — kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xxxvii, no. 6 ; xxxviii, no. 3 ; xxxix, no. 5. 4⁰. 1904–05.

Pt. 2–4 are by Eriksson alone.

TISON (Édouard) Dictionnaire de Botanique, par M. H. Baillon, avec la collaboration de . . . É. Tison, *&c.* 4 Tom. *See* Baillon (H. E.) 4⁰. 1876–92.

TISSANDIER (Gaston) [1843–1899] *See* Nature, *La* ; revue des Sciences . . . Rédacteur . . . G. Tissandier. Ann. i–vi. 4⁰. 1873–78.

TISSIÈRE (Pierre Germain) [1828–1868] Guide du Botaniste sur Le Grand St.-Bernard. *pp. xviii, 117.* 8⁰. *Aigle*, 1868.

Issued with, and bound in front of, "Bull. Soc. Murithienne du Valais," Fasc. i.

TISSOT (J.) Carte Géologique provisoire de la province de Constantine et du cercle de Bou-Saada, *&c.* [Scale 1 : 800,000, *i.e.* 1 in. = 12½ m. about.] *See* Constantine. [*Maps.*] s.sh. 1881.

—— Text explicatif, *&c.* *pp. 136.* 8⁰. *Alger*, 1881.

TISSOT (Simon André) [1728–1797] Schreiben . . . vom Getreid und Brod. *See* Linguet (S. N. H.) Linguet und Tissot, über das Getreid und Brod. Aus dem Französischen, *&c.* 8⁰. 1780.

TITA (Antonius) [*c.* 1657–1729] Catalogus Plantarum, quibus consitus est Patavii . . . hortus . . . J. F. Mauroceni . . . ab A. Tita confectus. (Iter A. Titæ per Alpes Tridentinas in Felstrensi ditione, per vallem Sambucæ inter Bassani Montes, ac per Marcesinæ alpestria, quæ septem communibus accensentur. Ubi multa ad rei Botanicæ incrementum animadversa, & notata, *&c.*) *pp.* [*xiv,*] *183* [*27*]. 8⁰. *Patavii*, 1713.

TITFORD (William Jowit) Sketches towards a Hortus Botanicus Americanus ; or, Coloured Plates (with a Catalogue and concise and familiar descriptions of many species) of new and valuable Plants of the West Indies and North and South America. Also of several others, natives of Africa and the East Indies . . . With a . . . glossary, *&c.* *pp.* [*xxviii,*] *137* [*40*] *: 18 pls. col.* 4⁰. *London*, 1811–12.

TITIUS (Georgius Christianus) [1682] Dissertatio medica inauguralis de Cinnamomo . . . exposita a G. C. Titio, *&c.* *See* Wedelius (G. W.) 4⁰. [1707.]

TITIUS (Johann Daniel) [1729–1796] Systema Plantarum Sexuale ad naturam compositum . . . præses J. D. Titius . . . respondens C. F. Pfotenhaver. *pp. 20.* 4⁰. *Wittebergæ*, 1767.

TITIUS (Salomon Constantinus) [1766–1801] Dissertatio physico-medica de Cespite ustili, vulgo Turfa . . . præside S. C. Titio, *&c.* 2 Pt. 4⁰. *Wittebergæ* [1794].

Sectio i. Chemica . . . defendet G. Hofmann. *pp. 24, viii.*
„ ii. Physica . . . defendet C. V. S. Fiebiger. *pp. 20, 8.*

TITTEL (Ernst Hermann) [1857–] Die natürlichen Veränderungen Helgolands und die Quellen über dieselben. Inaugural-Dissertation, *&c.* *pp. iv, 155.* 8⁰. *Leipzig*, 1894.

TITTMANN (Johann August) [1774–1840] Ueber den Embryo des Saamenkorns und seine Entwickelung zur Pflanze. *pp. iv, 100.* 8⁰. *Dresden*, 1817.

Tittmann (J. A.) Die Keimung der Pflanzen, durch Beschreibungen und Abbildungen einzelner Saamen und Keimpflanzen erläutert, *&c.* *pp. vi* [*ii,*] *200 : 27 pls.* 4⁰. *Dresden*, 1821.

TITUS (E. S. G.) & **Pratt** (F. C.) Catalogue of the Exhibit of Economic Entomology at the Louisiana Purchase Exposition . . . 1904. *pp. 155.* *See* United States. — *Department of Agriculture.* — *Entomology Division.* Bulletin No. 47 (Revised edition). 8⁰. 1904.

TIZARD (Thomas Henry) [1839–] & **Murray** (*Sir* J.) *K.C.B.* Exploration of the Faroe Channel during . . . 1880 in Her Majesty's hired ship "Knight Errant" . . . With subsidiary reports, *&c.* *pp. 83 : text illust., 1 chart col.* 8⁰. *Edinburgh*, 1882.

Proc. Roy. Soc. Edinburgh. Session 1881–82.
Contains subsidiary reports on the :—

Echinoidea, by A. Agassiz.	Ophiuroidea, by T. Lyman.
Foraminifera, by H. B. Brady.	Annelida, by W. C. M'Intosh.
Polyzoa, by G. Busk.	Crustacea, by A. M. Norman.
Fishes, by A. Günther.	Asteroidea, by W. P. Sladen.
Pycnogonida, by P. P. C. Hoek.	Holothurioidea, by H. Théel.
Mollusca, by G. Jeffreys.	Sponges, by F. E. Schulze.

Tizard (T. H.) & **others.** Narrative of the cruise of H. M. S. Challenger, with a general account of the scientific results of the expedition, *&c.* *See* Great Britain & Ireland. [*Voyages, &c.* — *Challenger Expedition.*] Report, *&c.* Narrative. Vol. i. 4⁰. 1885.

TOBLER (Auguste) & **Jacob** (C.) Étude stratigraphique et paléontologique du Gault de la vallée de la Engelberger Aa (Alpes Calcaires Suisses, environs du Lac des Quatre Cantons). *pp. 26 : 2 pls., text illust.* *See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. xxxiii.) 4⁰. 1906 (07).

TOBLER (Friedrich) Eigenwachstum der Zelle und Pflanzenform, *&c.* *pp. 6.* *See* Bergen. — bergens museum. Bergens Museums Aarbog. 1903, no. 11. 8⁰. 1903.

Tobler (F.) Bemerkungen über *Saccorrhiza bulbosa.* *pp. 9 : 1 pl.* *See* Drontheim. — kongeligt norske videnskabers-selskab. Det . . . Skrifter, 1908, no. 6. 8⁰. 1908 (1909).

Tobler (F.) Die Gattung *Hedera :* Studien über Gestalt und Leben des Efeus, seine Arten und Geschichte. *pp. iv, 151 : text illust.* 8⁰. *Jena*, 1912.

TOCL (Karel) Poznámky o Bojanovu orgánu hrachovky *Sphærium rivicola*, Leach. [Remarks on the organs of Bojanus in *Sphærium rivicola.*] *pp. 7 : 1 pl.* *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1894, no. 21. 8⁰. 1895.

Tocl (K.) O některých formách rodu *Xanthium* (Tourn.) L. [On some forms of the genus *Xanthium.*] *pp. 8.* *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1897, no. 6. 8⁰. 1898.

Tocl (K.) Ein Beitrag zur Flora Nordungarns. *pp. 19.* *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1900, no. 27. 8⁰. 1901.

Tocl (K.) Ueber eine neue andine *Ephedra*-Art. *pp. 5 : 1 pl.* *See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1902, no. 38. 8⁰. 1903.

Tocl (K.) Monografické studie o rodu Ostružinníků (*Rubus*, L.) v Čechách. [Monographic study of the Blackberry genus (*Rubus*, L.) in Bohemia.] *pp. 31. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1903, no. 24. 8⁰. 1904.

Tocl (K.) & **Rohlena** (J.) Additamenta in Floram peninsulæ Athoæ. *pp. 8. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1902, no. 49. 8⁰. 1903.

TODARO (AGOSTINO) [1818–1892] Orchideæ Siculæ, sive enumeratio Orchidearum in Sicilia hucusque detectarum. *pp. 135 : 2 pls.* 8⁰. *Panormi*, 1842.

Todaro (A.) Rariorum Plantarum minusve recte cognitarum in Sicilia sponte provenientium, *&c.* Decas 1.† *pp. 16. See* PALERMO.—REALE ACCADEMIA DI SCIENZE, *&c.* Atti, *&c.* Nuova Serie, Vol. I. 4⁰. 1845.

Todaro (A.) Nuovi generi e nuove specie di Piante coltivate nel Real Orto Botanico di Palermo. [3 Pt.] *pp. 78.* 8⁰. *Palermo*, 1858 [–61].

Todaro (A.) Osservazioni sopra talune specie di Cotone cultivate nel Real Orto Botanico di Palermo. *pp. 104.* 8⁰. *Palermo*, 1862.
Giorn. R. Istit. Incoragg. Sicilia. Ann. I, 1863.

Todaro (A.) Synopsis Plantarum Acotyledonearum Vascularium sponte provenientium in Sicilia insulisque adjacentibus. *pp. 52.* fol. *Panormi*, 1866.

Todaro (A.) Hortus Botanicus Panormitanus, sive Plantæ novæ vel criticæ quæ in Horto . . . coluntur descriptæ et iconibus illustratæ. 2 Vol. *illust. col.* fol. *Panormi*, 1876–92.

Todaro (A.) Relazione sulla cultura dei Cotoni in Italia, seguita da una monografia del genere *Gossypium. pp. iii, 287.* Atlas, *12 pls. col.* 8⁰. & fol. *Roma*, 1877–78.

Todaro (A.) Index Seminum Horti Regii Botanici Panormitani ann. 1878 (–1880) quæ pro muta commutatione offeruntur. 2 No. *See* PALERMO.—*Real Orto Botanico.* 8⁰. 1879–81.

TODARO (FRANCESCO) Contribuzione alla anatomia e alla fisiologia de' tubi di senso de' Plagiostomi. Memoria, *&c. pp. 32 : 2 pls.* 4⁰. *Messina*, 1870.

Todaro (F.) Ricerche fatte nel laboratorio di anatomia normale della R. Università di Roma, pubblicate dal Prof. F. Todaro. Vol. II, fasc. 1. *pp. 160 : 13 pls., text illust.* 4⁰. *Roma*, 1878.
The papers, which are by different authors, have been reprinted from the "Atti R. Accad. Lincei."

TODD (JAMES EDWARD) [1846–] The Moraines of the Missouri Coteau, and their attendant deposits. *pp. 71 : 20 pls., 1 map. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 144. 8⁰. 1896.

Todd (J. E.) The Moraines of southeastern South Dakota and their attendant deposits. *pp. 167 : 2 pls., 4 maps (col.), text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 158. 8⁰. 1899.

Todd (J. E.) [For official reports in connection with the Survey] *See* VERMILLION.—UNIVERSITY OF SOUTH DAKOTA.—*South Dakota Geological Survey.*

TODD (ROBERT BENTLEY) [1809–1860] The Cyclopædia of Anatomy and Physiology. 5 Vol. [in 6] *illust.* 8⁰. *London*, 1835–59.
Printed in double column.
Vol. IV is in two parts. Vol. V is a supplementary volume.

TODE (HEINRICH JULIUS) [1733–1797] Fungi Mecklenburgenses selecti. 2 Fasc. [in 1 Vol.] *illust.* 4⁰. *Lunebergi*, 1790–91.

TODENFELD (JOANNES FERDINANDUS HERTOLDT A) *See* HERTOLDT A TODENFELD.

TOEPFFER (ADOLPH) Schedæ zu Toepffer Salicetum exsiccatum. Fasc. 1→ 8⁰. *München*, 1906→

TOEPLER (JOSEPHUS LEOPOLDUS AUGUSTUS) [1838–] De Myriapodum anatomia cum ceteris articulatorum animalium classibus comparata. Dissertatio inauguralis zoologica, *&c. pp. [iv,] 24.* 8⁰. *Bonnæ*, 1862.

TŌHOKU TEIKOKU DAIGAKU. (*Tōhoku Imperial University.*) *See* SENDAI.

TOKARENKO (L.) Fauna Verkhne-Devonskagho izvestnyaka okrestnosteĭ gh. Verkhneural'ska Orenburghskoĭ ghub.—Fauna des oberdevonischen Kalkstein von Werchne-Ouralsk im Gv. Orenburg. *pp. 40 : 2 pls. See* KAZAN.—OBSHCHESTVO ESTESTVOÏSPUITATELEÏ, *&c.* Trudui, *&c.* Tom. XXXVII, vuip. 2. 8⁰. 1903.

TOKIO.—*Koishikawa Botanical Garden. See* infra, TEIKOKU DAIGAKU.

TOKIO.—AGRICULTURAL SOCIETY OF JAPAN. *See* infra, DAI NIPPON NŌ KWAI.

TOKIO.—Chishitsu Gaku Kwai. [*Geological Society.*] [Founded 1893.]
Chishitsu Gaku Zasshi. The Geological Magazine ([afterwards] The Journal of the . . . Society, *&c.*). Vol. I→ *illust.* 8⁰. *Tokio* [1893→].
Wanting Vol. I, no. 1, 4–6, Vol. VI, no. 69–71 & 75, Vol. VII, no. 76 & 87.
The English title was changed on No. 51 (Vol. V).

TOKIO.—Dai Nippon Nō Kwai. [*Agricultural Society of Japan.*]
Yuyo Shokubutsu zusetsu, *&c.* [The Useful Plants of Japan illustrated and described by Y. Tanaka and M. Ono, illustrated by Setsusai Hattori.] 3 Vol. *illust. col.* 8⁰. [*Tokio*, 1891.]

Useful Plants of Japan, described and illustrated. *pp. 223.* 8⁰. *Tokyo*, 1895.
English text to the preceding.

Yuyo Shokubutsu zusetsu Mokuroku oyobi Sakuin, or Contents of and Indices to Useful Plants of Japan, *&c. pp. 108, 29.* 8⁰. *Tokyo*, 1896.

TOKIO.—Imperial College of Engineering. *See* infra, KŌBU DAIGAKKŌ.

TOKIO.—Imperial Museum. *See* infra, TEIKOKU HAKUBUTSUKWAN.

TOKIO.—Imperial University. *See* infra, TEIKOKU DAIGAKU.

TOKIO.—Kiyoiku Hakubutsukwan: *Dōbutsu no Bu.* [*Educational Museum : Zoological Section.*]
Classified catalogue of the specimens of Vertebrates in the collections, *&c. pp. 116.* ENG. & JAP. 8⁰. *Tokio*, 1881.

TOKIO.—Kōbu Daigakkō. [*Imperial College of Engineering.*]
[1871 Founded as the *Kōgakkō.*
1877 *Kōbu Daigakkō.*
1886 Merged in the *Teikoku Daigaku* (q.v.).]
Catalogue of the Minerals, Rocks, Fossils, Shells, and Casts contained in Geological Department of the . . . College, *&c.* [By J. Milne.] *pp. iv, 183.* 8⁰. *Tokei*, 1880.

TOKIO.—Shokubutsu Gaku Kwai. [*Botanical Society.*]
Shokubutsu Gaku Zasshi. [Botanical Magazine. Vol. I—>] 8⁰. *Tōkiō* [1887—>].

TOKIO.—Societas Zoologica Tokyonensis.
Nippon Dobutsugaku Iho . . . Annotationes Zoologicæ Japonenses auspiciis Societatis . . . editæ. Vol. I—> 8⁰. *Tokyo*, 1897—>

TOKIO.—Tashiki-Kwai: or, Natural History Society.
Proceedings, *&c.* Vol. I, no. 1. *illust.* 8⁰. *Tokio*, 1888.

TOKIO.—Teikoku Daigaku. [*Imperial University.*]
[1886 Founded by the amalgamation of the *Tōkyō Daigaku* (*Tokio University*) with the *Kōbu Daigakkō* (*Imperial College of Engineering*) and the *Tōkyō Nōringakkō* (*Tokio College of Law*).]
The Calendar for . . . XXV–XXVI Meiji (1892–3). *pp. 203 : 1 plan.* 8⁰. *Tōkyō*, 1893.

Tokio.—Teikoku Daigaku.—*Botanic Garden.*
Koishikawa Shokubutsu yen. Sōmoku mokuroku.—Catalogue of Plants in Koishikawa Botanical Garden . . . (1877). [By H. Ahlburg.] *pp.* [*iv*,] *95.* 4⁰. *Tokio* [1877?].

Tokio.—Teikoku Daigaku.—*Botanic Garden.*
Koishikawa Shokubutsu yen sōmoku dzusetsu.—Figures and descriptions of Plants in Koishikawa Botanical Garden. By K. Ito . . . assisted by H. Kaku. Translated and revised . . . by J. Matsumura. 2 Vol. *illust. col.* fol. *Tokio*, 1883.
The English title and translation are given in Vol. II only.

Tokio.—Teikoku Daigaku.—*Botanic Garden.*
Catalogue spécial des Plantes d'ornement exposées par le Jardin des Plantes attenant à l'Université de Tokio (Japon), *&c.* *See* PARIS.—*Exposition Universelle, 1889.*

Tokio.—Teikoku Daigaku.—*College of Science.*
Rika Kwai sui. [Memoirs of the Science Department.—JAPANESE EDITION.] Vol. I, pt. 1; Vol. III, 2 pt.; Vol. IV, 2 pt.; Vol. V. 4⁰. *Tokio* [1879–82].

Memoirs of the Science Department, *&c.* [EUROPEAN EDITION.] Vol. I, pt. 1 & Appendix; Vol. IV; Vol. V & Appendix; Vol. VII; & Vol. X. 4⁰. *Tokio*, 1879–83.
The corresponding volumes in the two editions do not always bear the same enumeration. The contents are as follows :—

JAPANESE EDITION.		EUROPEAN EDITION.
Vol. I, pt. 1.	Omori Kaikoku Kobutsu hen, *&c.* [*pp. 72 : 19 pls.*] 1879.	
	Shell mounds of Omori. By E. S. Morse. *pp. iv, 36 : 19 pls.* 1879.	Vol. I, pt. 1.
	Okadaira Shell-mound at Hitachi . . . By I. Iijima and C. Sasaki. *pp. 7 : 11 pls.* 1883.	,, ,, Appendix.
,, III, ,, ,,	Tokio Kisho hen. 1880.	
,, ,, ,, 2.	—— 1881.	
	Report on the Meteorology of Tokio for the year 2540 (1880). By T. C. Mendenhall. *pp. 81.* 1881.	,, VII.
,, IV.	Tōkiō kinbo chishitsu hen, *&c.* [*pp. 205 : 7 pls., 2 maps.*] [1881.]	
	Geology of the environs of Tokio. By D. Brauns. *pp. 82 : 7 pls., 1 map.* 1881.	,, IV.
,, ,, Appendix.	Jiohoku [= Hitachi] chishitsu hen. Kochibe, T. [Geology of the northern part of Hitachi. By T. Kochibe. *pp. 162 : 8 pls., 1 map.* 1882.]	
,, V.	Nihon jōshin hen, *&c.* [A treatise on brewing Sake. By Prof. Atkinson. *pp. 199 : 20 pls.*] [1881.]	
	Measurements of the Force of Gravity at Tokio and on the summit of Fujinoyama. By T. C. Mendenhall. *pp. 17.* 1881.	,, V.
	Measurements of the Force of Gravity at Sapporo (Yesso), *&c.* *pp. 21.* 1882.	,, ,, Appendix.
	Phytochemische Notizen über einige Japanische Pflanzen. Von J. F. Eykman. *pp. 51, 1 tab. : 8 pls.* 1883.	,, X.

Tokio.—Teikoku Daigaku.—*College of Science.*
Journal of the College of Science, *&c.* Vol. I—> 8⁰. *Tōkyō*, 1886—>
Vol. XVI—> contain separately-paged papers.

Tokio.—Teikoku Daigaku.—*College of Science.*
Catalogue of the Japanese Minerals. *pp. 17.* 8⁰. *Tokio*, 1881.

Tokio.—Teikoku Daigaku.—*College of Science.*
Icones Floræ Japonicæ. Compiled by the College of Science, *&c.* [Dai Nippon Shokubutsushi.] Vol. I—> Pt. I—> 4⁰. *Tōkyō*, 1900—>

TOKIO.—Teikoku Hakubutsukwan. [*Imperial Museum.*] [Founded 1875.]
Proceedings of the Department of Natural History, *&c.* Vol. I, no. 1 & 2.† *illust. col.* 4⁰. *Tokyo*, 1904.

Tokio.—Teikoku Hakubutsukwan.
Yuyō mokuzai Shoran.—[CHINESE:] Yui yung muh ts'ai chieh lan. [A Survey of economic Timber.] *pp. 121.* 8⁰. *Tokio* [1876].
A series of 258 thin sections of wood, each with its Japanese name, the transliteration of the same, and the Latin name of the Tree.

Tokio.—Teikoku Hakubutsukwan.
Nogiyo ku Retsupin Mokuroku. [Catalogue of the exhibits in the Agricultural Section.] *pp. 258.* 8⁰. [*Tokio*, 1891.]

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Mineralogical, Lithological, & Palæontological Specimens in the Natural History Department, *&c.* [By M. Nishi.]—Teikoku Hakubutsukwan: Tensan Bu: Kinseki gwanseki kwaseki hiōhan Mokuroku. *pp. 229.* 8⁰. *Tokyo*, 1891.

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Zoological Specimens in the Natural History Department, *&c.* [By C. Ishikawa and T. Yuakawa.]—Teikoku Hakubutsukwan: Tensan Bu: Dōbutsu hiōhon, Mokuroku. *pp.* [*iii*,] *186.* 8⁰. *Tokyo*, 1891.

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Botanical Specimens in the Natural History Department, *&c.* [By K. Saida.]—Teikoku Hakubutsukwan: Tensan Bu: Shokubutsu hiōhon, Mokuroku. *pp. 39.* 8⁰. *Tokyo*, 1891.

Tokio.—Teikoku Hakubutsukwan.
Teikoku Hakubutsukwan Yoran. [Handbook to the Imperial Museum.] [*pp. 22 : 2 plans.*] [8⁰. *Tokio*, 1891?]

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Zoological Specimens in the Natural History Department . . . (Specimens of Comparative Osteology).—Teikoku Hakubutsukwan: Tensan Bu: Dōbutsu hiōhon, Mokuroku. (Hiko kotsukaku hiōhon no Bu.) *pp. 31.* 8⁰. *Tokyo*, 1894.

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Mineralogical Specimens in the Natural History Department . . . By T. Takimoto. *pp.* [*iv*,] *140.* 8⁰. *Tōkyō*, 1908.

Tokio.—Teikoku Hakubutsukwan.
Catalogue of Japanese Mollusca in the Natural History Department . . . by T. Iwakawa. Pt. I (Marine Gasteropoda, including Scaphopoda), *&c.* *pp.* [*iv*,] *135, 16, 13.* 8⁰. *Tōkyō*, 1909.
With the exception of the Prefaces and Indexes, printed on one side of the paper only.

TOKIO.—Université.
See supra, TEIKOKU DAIGAKU.

TOKUNAGA (SHIGEYASU)
See YOSHIWARA afterwards TOKUNAGA.

TOLDT (CARL) [1875–] Ueber den feineren Bau der Cuticula von *Ascaris megalocephala*, Cloquet. (Nebst Bemerkungen über die Subcuticula desselben Thieres.) *pp. 38 : 1 pl., text illust.* *See* VIENNA.—KAISERLICH-KOENIGLICHE UNIVERSITAET. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. XI, hft. 3. 8⁰. 1899.

TOLF (Robert) [1849–1903] Öfversigt af Smålands Mossflora. *pp. 98. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xvi, afd. iii, no. 9. 8⁰. 1891.

Tolf (R.) Granlemningar i Svenska Torfmossar. *pp. 35. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. xix, afd. iii, no. 1. 8⁰. 1893 (1894).

Tolf (R.) De Svenska barrskogarnes vigtigaste Mossor och Lafvar. *See* Lundström (A. N.) Från Svenska Barrskogar, *&c.* 8⁰. 1897.

TOLHAUSEN (Alexander) & (Louis) Technologisches Wörterbuch in Französischer, Deutscher und Englischer Sprache (Dictionnaire technologique. — Technological Dictionary), *&c.* 3 Pt. 8⁰. *Leipzig*, 1876–78.

The second and third parts (fr.-germ.-eng. and eng.-germ.-fr.) are of the second edition.

TOLL (Adrian) Gemmarum et Lapidum historia, quam olim edidit A. B. de Boot . . . recensuit . . . commentariis . . . A. Toll. *See* Boodt (A. B. de). 8⁰. 1636.

—— Tertia editio, *&c.* 8⁰. 1647.

Toll (A.) Le parfaict Joailler, ou Histoire des Pierreries . . . par A. B. de Boot . . . enrichi de belles annotations . . . par A. Toll, *&c.* *See* Boodt (A. B. de). 8⁰. 1644.

TOLL (Eduard von) *Baron* [1858–] Die paläozoischen Versteinerungen der Neusibirischen Insel Kotelny. *pp. 56 : 5 pls. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxvii, no. 3. 4⁰. 1889.

Toll (E. von) *Baron.* Geologische Bemerkungen zu den "Holzbergen" der Insel Neusibirien. *See* St. Petersburg. — Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxvii, no. 5. 4⁰. 1890.

Toll (E. von) *Baron.* Die fossilen Eislager und ihre Beziehungen zu den Mammuthleichen. *pp. vii, 86 : 7 pls., text illust. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xlii, no. 13. 4⁰. 1895.

Toll (E. von) *Baron.* Beiträge zur Kenntniss des Sibirischen Cambrium. i. *pp. iv, 57 : 9 pls., text illust. See* St. Petersburg. — Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. viii, no. 10. 4⁰. 1899.

Toll (E. von) *Baron.* Ocherk Gheologhiĭ Novo-Sibīrskīkh ostrovov ī vazhnyeĭshiya zadachī īzslyedovaniya polyarnuikh stran. [A short description of the Geology of the New Siberian Islands and the important problem of the investigation of the polar region.] *pp. iv, 20 : 2 maps (1 geol. col.) See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. ix, no. 1. 4⁰. 1899.

Toll (E. von) *Baron.* Résultats scientifiques de l'Expédition Polaire Russe en 1900–1903, sous la direction du Baron E. Toll. Section e : Zoologie. Vol. i→ *See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xviii→ 4⁰. 1905→

—— Section c : Géologie et Paléontologie. Livr. 1→ *See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xxi→ 4⁰. 1906→

—— Section d : Botanique. Livr. 1→ *See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xxvii, no. 1, 2. 4⁰. 1909→

TOLLARD (Claude) *See* Dictionaries. Nouveau Dictionnaire d'Histoire Naturelle, *&c.* Tom. xxii–xxiv. 8⁰. 1804.

—— Nouvelle édition, *&c.* 36 Vol. 8⁰. 1816–19.

Tollard (C.) Cours complet d'Agriculture . . . rédigé . . . par . . . M. Tollard, *&c.* 17 Tom. *illust. See* Vivien de Saint-Martin (L.) 8⁰. 1834–40.

TOLLAT VON VOCHENBERG (Johann) Margarita Medicine. Ein meysterlichs ausserlesens Büchlein der Artzney. Für mancherley Kranckheyt und Siechtagen der Menschen, *&c.* *pp. xxxi, foll. 9.* 4⁰. *Nürnberg*, 1516.

The first edition appeared in 1497.

TOLLE (A.) Die Austernzucht und Seefischerei in Frankreich und England, *&c.* *pp. 24 : 19 pls.* 4⁰. *Berlin*, 1871.

Wanting one plate.

TOLLEMER ( ) Carte générale Bathymétrique des Océans, dressée par ordre de S.A.S. le Prince de Monaco d'après le mémoire de . . . Prof. Thoulet . . . sous la direction de M. C. Sauerwein . . . par M. Tollemer . . . Échelle 1 : 10,000,000 [*i.e.* 1 in. = 158 m. about]. *See* World. [*Maps.*] 26 sh. *col.* [1905.]

TOLLIN (C.) [–1863] Entomologische Notizen aus dem Tagebuche des zu Madagascar verstorbenen Herrn Tollin. *See* Keferstein (A.) 8⁰. [1870.]

TOLMACHEV (Īnnokentiĭ Pavlovīch) Pochennuiĭ led s ryekī Berezovkī, *&c.* [On the frozen soil off the River Berezovka, *&c.*] *See* St. Petersburg.—Académie impériale des sciences. Nauchnuie rezul'tatui ekspedītziī . . . dlya raskopkī Mamonta, *&c.* Tom. i. 4⁰. 1903.

TOLSTOPIATOW (M. A.) [1836–1890] Recherches Minéralogiques. Édition posthume. [With a biographical notice by E. Tolstopiatow.] *pp. xxviii, 136 : 5 pls. col., text illust.* 8⁰. *Moscou*, 1893.

TOMASCHEK (Anton) Phänologische Beobachtungen aus der Umgebung von Cilli. *pp. 19–22.* 4⁰. *Cilli*, 1855.

Programm k. k. Gymnasiums Cilli.

TOMASELLI (A.) Morfologia delle *Leishmanie* nel succo splenico di bambini affetti da Leishmaniosi. *pp. 3 : 1 pl. col. See* Catania.—Accademia gioenia di scienze naturali. Atti, *&c.* Ser. V, vol. iii, no. 19. 4⁰. 1910.

TOMBECK (H.) & **others.** Monographie Paléontologique et Géologique des étages supérieurs de la formation Jurassique du département de la Haute-Marne, *&c.* *pp. 484 : 26 pls. See* Caen.—Société linnéenne de Normandie. Mémoires, *&c.* Vol. xvi. 4⁰. 1872.

TOMES (Charles Sissmore) [1846–] [A Manual of Dental Anatomy, Human and Comparative. 8⁰. *London*, 1876.]

Wanting.

—— Second edition. *pp. viii, 440 : text illust.* 8⁰. *London*, 1882.

—— Third edition. *pp. viii, 492 : text illust.* 8⁰. *London*, 1889.

—— Sixth edition. *pp. viii, 636 : text illust.* 8⁰. *London*, 1904.

TOMES (Robert Fisher) [1823–1904] A History of British Quadrupeds . . . Second edition, revised . . . by the author, assisted by R. F. Tomes, *&c.* *See* Bell (T.) *F.R.S.* 4⁰. 1874.

TOMLIN (John Read Le Brockton) Coleoptera of the Cardiff district. Collected by J. R. [Le] B. Tomlin, *&c.* *See* James (I.) Handbook for Cardiff, *&c.* 8⁰. 1891.

TOMLINSON (Charles) [1808–1897] The Natural History of Common Salt, *&c.* *See* T., C. 8⁰. 1850.

TOMLINSON (Richard) A Medicinal Dispensatory . . . Composed by . . . Renodæus . . . Englished and revised by R. Tomlinson, *&c.* *See* Renou (J. de) 4⁰. 1657.

TOMMASI (Annibale) [1858–] Rivista della Fauna raibliana del Friuli. *pp. xvii, 77 : 4 pls.* 8⁰. *Udine*, 1890.
Ann. R. Istit. Tecnico, Udine. Ser. II. anno viii.

Tommasi (A.) La Fauna del Calcare Conchigliare (Muschelkalk) di Lombardia, *&c.* *pp. viii, 168, 1 tab. : 2 pls.* 8⁰. *Pavia*, 1894.

Tommasi (A.) Contribuzione alla Paleontologia della Valle del Dezzo. *pp. 18 : 2 pls.* *See* Milan.—reale istituto lombardo di scienze, *&c.* Memorie, *&c.* Vol. xix, fasc. 4. 4⁰. 1901.

TÖMÖSVÁRY (Ödön) Egy tömegesen tenyésző légyfaj az Alsó-Duna mellékéről (*Thalassomyia congregata*). [On the species of fly (*T. congregata*) which breeds abundantly in the vicinity of the lower Danube.] *pp. 19 : 3 pls.* *See* Budapest.—magyar tudományos akadémia. Értekezések a Természettudományok Köréből, *&c.* Köt. xiv, szám 1. 8⁰. 1884.

TONDUZ (Adolfo) [1861–] Flora de Costa Rica. *See* Guatemala, *City of.—Primera Exposición Centro-americana de Guatemala, 1897.* Documentos, *&c.* No. 6. 8⁰. 1897.

TONI (Francesco) F. Toni. Della Collezione Geologica, Paleontologica e Paleoetnologica da lui raccolta. (— Catalogo dei Fossili della Collezione descritta, *&c.*) *See* Spoleto.—accademia spoletina. 8⁰. 1888.

TONI (Giovanni Battista de) *See* De-Toni.

TONI (J. Bapt. de) *See* De-Toni (G. B.)

TONINI (Ferdinand) Prospetto confrontativo tolto dal vero dei Funghi mangerecci coi Funghi velenosi o sospetti li più comuni . . . compresi nel quadro pubblicato . . . per uso del popolo, *&c.* *8 pls. col., with descriptive letterpress.* obl. 4⁰. *Milano* [*Como*, 1846].

TONKS (Edmund) General Index to the Latin names and synonyms of the Plants depicted in the first hundred and seven volumes of Curtis's Botanical Magazine, to which is added a short list of popular names. Edited by E. Tonks. *pp. vi, 263.* 8⁰. *London*, 1883.
The reverse of each leaf is left blank for manuscript additions.

TONNING (Henrik) [-1796] Dissertatio . . . sistens rariora Norvegiæ, quam . . . offert H. Tonning, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1768.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. vii, no. 149. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

Tonning (H.) Norsk medicinsk og oeconomisk Flora : indeholdende adskillige Planter, som fornemmelig ere samlede i Tronhiems Stift, *&c.* Deel i.† *pp.* [*xvi,*] *185.* 8⁰. *Kiøbenhavn*, 1773.

TONNINGEN (D. W. Rost van) Samaderine, een nieuw Ligehaam, afgescheiden uit de Samadera Indica, Gaertn. (Galip pahit Mal.) *pp. 7.* *See* Batavia.—koninklijke natuurkundige vereeniging in nederlandsch indië. Acta, *&c.* Vol. iii, no. 7. 4⁰. 1857–58.

TÖNNINGH (G. J.) Aphorismi Botanici . . . p. p. G. J. Tönningh, *&c.* Pt. xv. *See* Agardh (C. A.) 8⁰. [1825.]

TOPEKA.—Kansas Academy of Science. *See* Kansas Academy of Science.

TOPEKA.—Washburn College. [Founded 1865.] Bulletin of the Washburn College Laboratory of Natural History. Edited by F. W. Cragin. No. 1–11.† 8⁰. *Topeka, Kansas*, 1885–90.

TOPINARD (Paul) [1830–1911] Étude sur les Races indigènes de l'Australie. *pp. 120.* 8⁰. *Paris*, 1872.
Bull. Soc. Anthrop. Paris. Tom. vii.

Topinard (P.) [L'Anthropologie . . . avec préface du Prof. P. Broca. 8⁰. *Paris*, 1876.]
Wanting.
Bibliothèque des Sciences contemporaines. Tom. iii.

—— Troisième édition, *&c.* *pp. xvi, 560 : 1 pl., text illust.* 8⁰. *Paris*, 1879.

Topinard (P.) *See* Revue d'Anthropologie . . . Directeur de la rédaction . . . P. Topinard. Ann. x—Sér. III, tom. iii. 8⁰. 1881–88.

Topinard (P.) Éléments d'Anthropologie générale. *pp. xv, 1157 : 4 pls., 1 map, text illust.* 8⁰. *Paris*, 1885.

Topinard (P.) De l'évolution des molaires et prémolaires chez les Primates et en particulier chez l'Homme. 8⁰. *Paris*, 1892.
L'Anthropologie. Tom. iii, *pp. 641–710 : text illust.*

Topinard (P.) Science and Faith ; or Man as an Animal, and Man as a Member of Society, with a discussion of Animal Societies . . . Translated from the author's manuscript by T. J. McCormack. *pp. iv, 374.* 8⁰. *Chicago*, 1899.

TOPLEY (William) [1841–1894] On the comparative Agriculture of England and Wales. *pp. 19 : text illust.* 8⁰. *London*, 1871.
Journ. Roy. Agric. Soc. England. Vol. vii.

Topley (W.) On the Agricultural Geology of the Weald. *pp. 29 : 1 map col.* 8⁰. *London*, 1872.
Journ. Roy. Agric. Soc. England. Vol. viii.

Topley (W.) On the relation of the parish boundaries in the south-east of England to great physical features, particularly to the Chalk escarpment. 8⁰. [*London*, 1873.]
Journ. Anthropological Instit. Vol. iii.

Topley (W.) The Geology of the Weald, *&c.* *See* Great Britain & Ireland.—*Geological Survey : England & Wales.* [*Topographical Memoirs.*] 8⁰. 1875.

Topley (W.) The History of the Subwealden Boring, near Battle, Sussex. *See* Dixon (F.) The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

Topley (W.) The national Geological Surveys of Europe. *pp. 20.* 8⁰. *London*, 1885.
Reprinted, with an Appendix, from the "Report of the British Association for 1884."

Topley (W.) Some points of comparison between Belgian and English Geology. *See* Geologists' Association. The Geology of Belgium, *&c.* 8⁰. 1885.

Topley (W.) *See* Geological Record, *The.* Edited by . . . W. Topley, *&c.* 1880–84. 8⁰. 1888–89.

Topley (W.) Geological Sketch Map of Egypt and Sinai. [Scale 1 in. = 44 m. about. With explanatory note.] *See* Brindley (W.) The ancient Quarries of Egypt, *&c.* 4⁰. 1888.

Topley (W.) Memoir of W. Topley. *See* Woodward (H. B.) 8⁰. 1894.

TOPPEL (Oscar Augustus) Disquisitio anatomica, nervum trigeminum partemque cephalicam nervi sympathici Gadi lotæ, Linn., cum nervis iisdem apud Hominem et Mammalia comparans . . Respondente O. A. Toppelius, *&c.* *See* Bonsdorff (E. J.) 4⁰. 1846.

TOPSELL (Edward) [-1638 ?] The History of Fourfooted Beasts and Serpents . . . collected out of the writings of C. Gesner and other authors by E. Topsel. Whereunto is now added, The Theater of Insects . . . By T. Muffet . . . The whole . . . inlarged with the addition of two useful Physical Tables by J. R[owland], M.D. *pp.* [*xiv,*] *818* [*6*], [*xii,*] *889–1130* [*6*], *text illust.* fol. *London,* 1658.

The original work was issued in 1607.
"The History of Serpents" and "The Theater of Insects" have each a separate title-page and preface: the former work ends at p. 818 and the latter, after five unpaged leaves of preface, begins with p. 889.

TOPSENT (Émile) Contribution à l'étude des Clionides. *pp. 165 : 7 pls. See* Archives de Zoologie Expérimentale et Générale, *&c.* Sér. II, tom. v bis, mém. 4. 8⁰. 1887.

Topsent (É.) Contribution à l'étude des Spongiaires de l'Atlantique nord (Golfe de Gascogne, Terre-Neuve, Açores). *See* Albert Honoré Charles, *Prince of Monaco.* Résultats des campagnes scientifiques accomplies sur son yacht, *&c.* Fasc. ii. 4⁰. 1892.

Topsent (É.) [Sponges of the Bay of Biscay.] *See* Lyons.—Université. Annales, *&c.* Tom. xxvi. 8⁰. 1896.

Topsent (É.) *Sarostegia oculata,* Hexactinellide nouvelle des Îles du Cap-Vert. *pp. 8 : text illust. See* Monaco.—Musée océanographique. Bulletin, *&c.* No. 10. 8⁰. 1904.

Topsent (É.) Spongiaires des Açores. *pp. 280 : 18 pls. See* Albert Honoré Charles, *Prince of Monaco.* Résultats des campagnes scientifiques, *&c.* Fasc. xxv. 4⁰. 1904.

Topsent (É.) *Farrea occa* (Bowerbank) var. *foliascens,* n. var. *pp. 5. See* Monaco.—Musée océanographique. Bulletin, *&c.* No. 83. 8⁰. 1906.

Topsent (É.) Sur une variété de *Clionopsis Platei,* Thiele. *pp. 3. See* Monaco.—Institut océanographique. Bulletin, *&c.* No. 120. 8⁰. 1908.

Topsent (É.) Étude sur quelques *Cladorhiza* et sur *Eucheliplumа pristina,* n. g. et n. sp. *pp. 23 : 2 pls. See* Monaco.—Institut océanographique. Bulletin, *&c.* No. 151. 8⁰. 1909.

Topsent (É.) Les Hexasterophora recueillies par la Scotia dans l'Antarctique. (Note préliminaire.) *pp. 18. See* Monaco.—Institut océanographique. Bulletin, *&c.* No. 166. 8⁰. 1910.

Topsent (É.) Sur une grande *Tedania* abyssale des Açores (*Tedania phacellina,* n. sp.) *pp. 7 : text illust. See* Monaco.—Institut océanographique. Bulletin, *&c.* No. 252. 8⁰. 1912.

Topsent (É.) Spongiaires provenant des campagnes scientifiques de la *Princesse-Alice* dans les Mers du Nord (1898–9—1906–7). *See* Albert Honoré Charles, *Prince of Monaco.* Résultats des Campagnes scientifiques, *&c.* Fasc. xlv. 4⁰. 1913.

TOPSØE (Haldor Frederic Axel) [1842–] Beiträge zur krystallographischen Kentniss der Salze der sogenannten seltenen Erd-Metalle, *&c.* *pp. 39 : 8 pls. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. ii, no. 5. 8⁰. (1873) 1874.

Topsøe (H. F. A.) & **Christiansen** (C.) Krystallografisk-optiske Undersøgelser, med særligt Hensyn til isomorfe Stoffer. [Crystallographico-optic researches, with special regard to isomorphous substances.] *pp. 147. See* Copenhagen.—Kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. V, bd. ix, no. 9. 4⁰. 1873.

TORCAPEL (A.) Le Plateau Infra-Crétacé des environs de Nîmes. *pp. 22 : 1 pl., 1 map. See* France.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* No. 39. (Vol. vi.) 8⁰. 1894.

TOREEN (Olof) *See* Torén.

TORELL (Otto Martin) [1828–1900] Bidrag till Spitsbergens Molluskfauna. Jemte en allmän öfversigt af Arktiska regionens naturförhållanden och forntida utbredning. i. Akademisk afhandling, *&c.* *pp. 154 : 2 pls.* 8⁰. *Stockholm,* 1859.

Torell (O. M.) Om de Geologiska forskningarne i Norge, *&c.* *pp. 20. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. ii, no. 9. 4⁰. 1865–66.

Torell (O. M.) Bidrag till Sparagmitetagens geognosi och paleontologi. *pp. 40 : 3 pls. col. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. iv, no. 13. 4⁰. 1867–68.

Torell (O. M.) Petrificata Suecana formationis Cambricæ, *&c.* *pp. 14. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. vi, 8. 4⁰. 1869–70.

Torell (O. M.) Undersökningar öfver Istiden. 3 Pt. [in 2 No.] *See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 18 & 91. 8⁰. 1873, 87.

Torell (O. M.) Sur les traces les plus anciennes de l'existence de l'Homme en Suède. *pp. 16. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 30. 8⁰. (1876.)

Torell (O. M.) On the causes of the Glacial Phenomena in the northeastern portion of North America. *pp. 7 : 1 map. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. v, no. 1. 8⁰. 1878.

—— [Another edition.] *pp. 8 : 1 map. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 26. 8⁰. 1878.

Torell (O. M.) Om Sveriges vigtigaste kristalliniska bergslag och deras förhållande till hvarandra. *See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 48. 8⁰. 1882.

Torell (O. M.) Om aflagringarna på ömse sidor om riksgränsen uti Skandinaviens sydligare fjelltrakter. *pp. 23. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 96. 8⁰. 1888.

Torell (O. M.) Apatitförekomsterna i Norrbottens län och de af Sveriges Geologiska Undersökning lemnade bidragen till kännedomen härom. *pp. 12. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 113. 8⁰. 1890.

Torell (O. M.) [For official publications as Director] *See* Sweden.—*Sveriges Geologiska Undersökning.*

TORÉN (Olof) [-1753] En Ostindisk Resa til Suratte, China, &c. Från 1750 . . . til 1752, *&c.* *See* Osbeck (P.) Dagbok öfwer en Ostindisk Resa åren 1750–52, *&c.* 8⁰. 1757.

Torén (O.) A voyage to Suratte, China, *&c.* *See* Osbeck (P.) A voyage to China, *&c.* Vol. ii. *illust.* 8⁰. 1771.

Torén (O.) Eine Ostindische Reise nach Suratte, China, *&c.* *See* OSBECK (P.) Herrn P. Osbeck . . . Reise nach Ostindien und China, *&c.* 8⁰. 1765.

TORII (R.) Études Anthropologiques. Les Aborigènes de Formose. Fasc. 1→ *illust. col.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXVIII, art. 6; XXXII, art. 4. 8⁰. 1911→

TORINO. *See* TURIN.

TORLEY (K.) Die Fauna des Schleddenhofes bei Iserlohn. *pp. 56 : 10 pls.* *See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. LIII. 8⁰. 1908.

TORNABENE (FRANCESCO) [1813–1897] Ricerche bibliografiche sulle Opere Botaniche del secolo decimoquinto. *pp. 91.* 8⁰. *Catania*, 1840.

Tornabene (F.) Saggio di Geografia Botanica per la Sicilia. *pp. 48.* 4⁰. *Napoli*, 1846.
Atti Scienz. Ital. Vol. VIII. 1845.

Tornabene (F.) Quadro storico della Botanica in Sicilia, *&c.* *pp. 70.* 8⁰. *Catania*, 1847.

Tornabene (F.) Lichenographia Sicula, *&c.* *pp. 152 : 3 pls.* 4⁰. *Catanæ*, 1849.

Tornabene (F.) Flora Fossile dell' Etna. *pp. 147 : 10 pls.* 4⁰. *Catania*, 1859.

Tornabene (F.) Flora Sicula viva et exsiccata, seu collectio Plantarum in Sicilia sponte nascentium hucusque cognitarum . . . exposita in Horto Botanico Regiæ Universitatis Studiorum Catinæ. *pp. 687 : 4 pls.* 8⁰. *Catinæ*, 1887.

Species duæ novæ ad Floram Siculam additæ. *pp. 11.* 8⁰. *Catinæ*, 1889.

Tornabene (F.) Flora Ætnea, seu descriptio Plantarum in Monte Ætna sponte nascentium. 4 Vol. [in 2.] 8⁰. *Catinæ*, 1889–92.

TORNANDER (ANDREAS N.) *See* FORNANDER.

TORNAU (FRITZ) & **Koert** (W.) Zur Geologie und Hydrologie von Daressalam und Tanga (Deutsch-Ostafrika). *pp. 77 : 10 pls. (col.)* *See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. LXIII. 8⁰. 1910.

TÖRNEBOHM (ALFRED ELIS) [1838–1911] En geognostisk profil öfver den Skandinaviska fjällryggen mellan Östersund och Levanger. (Coupe géognostique de la chaîne centrale de la Scandinavie entre Östersund (Suède) et Levanger (Norvège), un peu au-dessous du 64° de latitude. Résumé.) *pp. 24 : 1 pl., text illust.* *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 6. 8⁰. 1872.

Törnebohm (A. E.) Ueber die Geognosie der Schwedischen Hochgebirge, *&c.* *pp. 59 : 1 map col., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. I, no. 12. 8⁰. 1873.

—— [Another issue.] *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 9. 8⁰. 1873.

Törnebohm (A. E.) Geognostisk beskrifning öfver Persbergets Grufvefält. *pp. 21 : 1 map col., text illust.* *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 14. 4⁰. 1875.

Törnebohm (A. E.) Om Sveriges vigtigare Diabas- och Gabbro-Arter, *&c.* *pp. 55.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIV, no. 13. 4⁰. 1877.

Törnebohm (A. E.) Ueber die Eisenführenden Gesteine von Ovifak und Assuk in Grönland, *&c.* *pp. 22 : 2 pls. col.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. V, no. 10. 8⁰. 1878.

Törnebohm (A. E.) Grunddragen af Sveriges geologi allmänfattligt framställda. *pp. 185 : 1 map, text illust.* 8⁰. *Stockholm*, 1884.

—— Andra upplagan. *pp. [iv,] 213 : 2 maps col., text illust.* 8⁰. *Stockholm* (1894).

Törnebohm (A. E.) Under Vega-expeditionen insamlade bergarter, petrografisk beskrifning. *See* NORDENSKIÖLD (N. A. E. VON) Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. IV. 8⁰. 1887.

Törnebohm (A. E.) Mikroskopische Untersuchung von Schlammproben, eingesammelt von . . . F. Nansen auf dem Eise an der Ostküste von Grönland. *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXIII, no. 105, Anhang I. 4⁰. 1892.

Törnebohm (A. E.) Grunddragen af det centrala Skandinaviens Bergbyggnad. *pp. 210 : 1 pl., 3 maps (1 geol. col.)* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXVIII, no. 5. 4⁰. 1896.

Törnebohm (A. E.) Katapleiit-Syenit en nyupptäckt varietet af Nefelinsyenit i Sverige . . . Resumé in Deutscher Sprache. *pp. 54 : 6 pls., text illust.* *See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 199. 8⁰. 1906.

Törnebohm (A. E.) [For official publications in connection with the Survey] *See* SWEDEN.—*Sveriges Geologiska Undersökning.*

TORNER (ERICUS) Centauria II. Plantarum, quam . . . defert . . . E. Torner, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1756.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. IV, no. 63. 8⁰. 1759.

—— —— Editio secunda, *&c.* 8⁰. 1788.

TÖRNER (SAMUEL) Periculum Entomologicum, quo characteres generum Insectorum . . . proponit S. Törner. *See* THUNBERG (C. P.) 4⁰. [1789.]

—— [Another edition.] *See* THUNBERG (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. III, no. 17. 8⁰. 1801.

TORNIER (GUSTAV) Die Reptilien und Amphibien Ost-Afrikas. *See* DEUTSCH-OST-AFRIKA. Bd. III. 8⁰. 1896.

Tornier (G.) Die Reptilien und Amphibien Deutsch-Ost-Afrika's. *See* WERTHER (C. W.) Die mittleren Hochländer des nördlichen Deutsch-Ost-Afrika, *&c.* 8⁰. 1898.

Tornier (G.) [Explanations of Plates of Reptiles from the East.] *See* EHRENBERG (C. G.) Symbolæ Physicæ, seu Icones adhuc ineditæ, *&c.* fol. 1899.

Tornier (G.) Bemerkungen über Froschlaiche, die von A. Voeltzkow auf Madagaskar unter Steinen und auf Blättern gefunden wurden. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. III, hft. 3. 4⁰. 1913.

TORNØE (David Hercules) [1856–1907] On the Air in Sea-Water.—On the Carbonic Acid in Sea-Water.—On the amount of Salt in the Sea-Water of the Norwegian Sea. *See* Norway. Den Norske Nordhavs-Expedition, 1876–78. Vol. [I.] 4⁰. 1880.

Tornøe (D. H.) On the Determination of the Salinity of Sea Water by its power of refraction. *pp. 13. See* Norway.—*Norwegian Fishery and Marine Investigations.* Report, *&c.* Vol. I, 1900, No. 6. 8⁰. 1900.

TORNQUIST (Alexander Johannes Heinrich) [1868–] Fragmente einer Oxfordfauna von Mtaru in Deutsch-Ostafrika, *&c. See* Stuhlmann (F.) Zoologische Ergebnisse einer in . . . Ost-Afrika unternommenen Reise. Bd. II. 8⁰. 1893 (1901).

Tornquist (A. J. H.) Ueber Macrocephaliten im Terrain-à-chailles. *See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. XXI.) 4⁰. 1894.

Tornquist (A. J. H.) Das fossilführende Untercarbon am östlichen Rossbergmassiv in den Südvogesen. 3 Pt. *illust. See* Alsace-Lorraine.—*Commission fuer die Geologische Landes-Untersuchung, &c.* Abhandlungen, *&c.* Bd. V, hft. 4–6. 8⁰. 1895–97.

Tornquist (A. J. H.) Die degenerierten Perisphinctiden des Kimmeridge von Le Havre. *See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. XXIII.) 4⁰. 1897.

Tornquist (A. J. H.) Der Dogger am Espinazito-Pass, nebst einer Zusammenstellung der jetzigen Kenntnisse von der Argentinischen Juraformation. *pp. 72 : 10 pls. See* Palæontologische Abhandlungen, *&c.* Neue Folge, Bd. IV. 4⁰. 1898.

Tornquist (A. J. H.) Das Vicentinische Triasgebirge. Eine geologische Monographie, *&c. pp. viii, 195, 1 tab. : 15 pls., 3 maps (2 geol. col.), text illust.* 8⁰. *Stuttgart*, 1901.

Tornquist (A. J. H.) Geologischer Führer durch Ober-Italien. I. Das Gebirge der Ober-Italienischen Seen . . . Mit Beiträgen von . . . A. Baltzer . . . und . . . C. Porro, *&c. pp. xvi, 302 : 7 pls., 3 maps, text illust.* 8⁰. *Berlin*, 1902.
Sammlung geologischer Führer IX.

Tornquist (A. J. H.) Beobachtungen an Geröllen im Hauptkonglomerat des Buntsandsteins von Lascemborn in Lothringen. *See* Menzel (H.) *& others.* Festschrift A. v. Koenen, *&c.* 8⁰. 1907.

Tornquist (A. J. H.) Geologie von Ostpreussen. *pp. vi [i,] 231 : 1 pl., 1 map, text illust.* 8⁰. *Berlin*, 1910.

TÖRNQUIST (Sven Leonard) [1840–] Om Fågelsångstraktens Undersiluriska lager. Geologiska iakttagelser, *&c. pp. 24 : 2 pls. See* Lund. — Karolinska universitetet. Acta, *&c.* Tom. I, no. 3. 4⁰. 1864–65.

—— [Another issue entitled :] Geologiska iakttagelser öfver Fågelsångstraktens Undersiluriska lager. I. Akademisk afhandling, *&c. pp. 24 : 2 pls.* 4⁰. *Lund*, 1865.

Törnquist (S. L.) Om lagerföljden i Dalarnes Undersiluriska bildningar. Geologiska iakttagelser, *&c. pp. 20 : 1 pl. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. III, no. 5. 4⁰. 1866–67.

Törnquist (S. L.) Några iakttagelser öfver Dalarnes Graptolitskiffrar. *pp. 13 : text illust. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 40. 8⁰. 1880.

Törnquist (S. L.) Öfversigt öfver bergbygnaden inom Siljansområdet i Dalarne, med hänsyn företrädesvis fäst vid dess Paleozoiska lag. *pp. 57 : 1 pl., 1 map col. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 57. 4⁰. 1883.

Törnquist (S. L.) Undersökningar öfver Siljansområdets Trilobitfauna. *pp. 101 : 3 pls. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XX, 2. 4⁰. 1883–84.

—— [Another issue.] *See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 66. 4⁰. 1884.

Törnquist (S. L.) Några iakttagelser från sommaren 1885 öfver omtvistade delar af lagföljden inom Dalarnes Silurområde. *pp. 22. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 80. 8⁰. 1886.

Törnquist (S. L.) Undersökningar öfver Siljansområdets Graptoliter. *pp. 33 : 2 pls. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XXVI, no. 4. 4⁰. 1889–90.

Törnquist (S. L.) Undersökningar öfver Siljansområdets Graptoliter. *pp. 47 : 3 pls. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XXVIII, no. 10. 4⁰. 1892.

Törnquist (S. L.) Observations on the structure of some Diprionidæ. *pp. 14 : 1 pl. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XXIX, no. 12. 4⁰. 1893.

Törnquist (S. L.) On the Diplograptidæ and Heteroprionidæ of the Scanian Rastrites beds. *pp. 24 : 2 pls. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XXXIII, no. 5. 4⁰. 1897.

Törnquist (S. L.) Researches into the Monograptidæ of the Scanian Rastrites beds. *pp. 25 [1] : 4 pls. See* Lund. — Karolinska universitetet. Acta, *&c.* Tom. XXXV, no. 1. 4⁰. 1899.

Törnquist (S. L.) Researches into the Graptolites of the Lower Zones of the Scanian and Vestrogothian Phyllo-Tetragraptus beds. 2 Pt. *illust. See* Lund.—Karolinska universitetet. Acta, *&c.* Tom. XXXVII, no. 5 ; XL, no. 2. 4⁰. 1901, 04.

Törnquist (S. L.) Observations on the genus *Rastrites*, and some allied species of *Monograptus. pp. 22 : 3 pls. See* Lund. — Karolinska universitetet. Acta, *&c.* Ser. II, tom. III, no. 5. 4⁰. 1907.

Törnquist (S. L.) & **Moberg** (J. C.) Retioloidea från Skånes colonusskiffer. *pp. 20 [1] : 1 pl., text illust. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 213 [= Årsbok (1908), no. 5]. 8⁰. 1909.

TÖRÖK (Aurél) Egy Jézó Szigetbeli Ájno Koponyáról. [On the Skull of an Aino from the Island of Yeso.] *See* Széchenyi (B.) *Count.* Gróf Széchenyi B. Keletasiai utjának tudományos Eredménye. Bd. II. 4⁰. 1897.

TORONTO. The Hand-book of Toronto ; containing its . . . Geology, Natural History, *&c. pp. 272 : 1 pl., 1 map.* 8⁰. *Toronto*, 1858.

TORONTO.—Canadian Institute.
See Canadian Institute.

TORONTO.—University. [Founded 1827.]
Studies. Biological Series: edited by . . . R. Ramsay Wright. No. I→ 8⁰. [*Toronto*,] 1898→

—— Anatomical Series: edited by . . . A. Primrose. No. I→ 8⁰. [*Toronto*,] 1900→

—— Geological Series: edited by Prof. Coleman. No. I→ 8⁰. [*Toronto*,] 1900→

—— Physiological Series: edited by . . . A. B. Macallum. No. I→ 8⁰. [*Toronto*,] 1900→

—— Pathological Series. No. I→ *illust.* 8⁰. [*Toronto*,] 1906.

Toronto.—University.
Formal opening of the new building of the Biological Department, Dec. 19, 1889, *&c.* *pp. 23: 1 pl., text illust.* 8⁰. *Toronto*, 1890.

TORQUAY. The Handbook for Torquay and its neighbourhood, with the natural history of the district. *pp. vii, 287: 7 pls., 1 map.* 8⁰. *Torquay & London* [ ].

TORQUAY NATURAL HISTORY SOCIETY. [Founded 1844.]
Journal, *&c.* Vol. I→ 8⁰. *Torquay*, 1909→

Torquay Natural History Society.
An introductory address [on the Origin of Man] delivered before the . . . Society . . . 1863. *See* PENGELLY (W.) 8⁰. 1864.

Torquay Natural History Society.
Museums and *our* Museum: a lecture delivered before the . . . Society . . . 1872. *See* STEBBING (T. R. R.) 8⁰. 1872.

TORRANCE (J. FRASER) The Canadian Naturalist . . . J. F. Torrance . . . Editor. New Series, Vol. VIII, no. 5–7. *See* NATURAL HISTORY SOCIETY OF MONTREAL. 8⁰. 1877–78.

Torrance (J. F.) Report on Apatite deposits, Ottawa County, Quebec. *pp. 32.* *See* CANADA.—*Geological Survey.* Report of Progress. 1882–84. J. 8⁰. 1884 (1885).

TORRE (GEORGIO DALLA) *See* TURRE (G. A).

TORRE (GIOVANNI MARIA DELLA) [1713–1782] Storia e fenomeni del Vesuvio, *&c.* *pp.* [*viii*,] *120: 8 pls.* 4⁰. *Napoli*, 1755.

—— [Third edition.] Histoire et phénomènes du Vesuve, *&c.* *pp. xiii, 298.* 8⁰. *Naples*, 1771.
Wanting the eleven plates that should accompany this edition.
An account of the successive editions is given on pp. ix & x.

Torre (G. M. DELLA) Lettera prima (—seconda) . . . sull' eruzione del Vesuvio de' 15. Giugno 1794, *&c.* 2 Pt. 8⁰. [*Naples*, 1794.]

TORRE (KARL WILHELM VON DALLA) *See* DALLA TORRE.

TORRE (RAMON ADAN DE YARZA Y) *See* ADAN DE YARZA Y TORRE.

TORREND (CAMILLE) Flore des Myxomycetes. Étude des espèces connues jusqu'ici, *&c.* *pp. 270* [*1*]: *9 pls.* 8⁰. *S. Fiel*, 1909.
Originally issued in "Broteria" (Sér. Bot.), as follows:—
pp. 5–64, in Vol. VI, 1907; *pp. 65–244: 9 pls.*, in Vol. VII, 1908; *pp. 245–270* [*1*] (*Supplément*), in Vol. VIII, 1909.

TORRES (ANTONIO) Notice stratigraphique sur le Néogène continental du versant droit de la vallée du Tage. *See* PORTUGAL.—*Commissão do Serviço Geologico.* [*Mémoires.—Cénozoïque.*] Le Néogène continental dans la basse vallée du Tage, *&c.* 4⁰. 1907.

TORRES (LUIS VAEZ DE) Relation . . . concerning the discoveries of Quiros . . . A translation . . . by A. Dalrymple, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 25. 8⁰. 1859.
See also CALLENDER (J.) Terra australis cognita, *&c.* Vol. II, art. 2.

TORREY (JOHN) [1796–1873] A Catalogue of Plants, growing spontaneously within 30 miles of the City of New York. [Drawn up by a Committee: J. Torrey, reporter.] *See* NEW YORK ACADEMY OF SCIENCES. 4⁰. 1819.

Torrey (J.) A Flora of the northern and middle sections of the United States; or a systematic arrangement and description of all the Plants hitherto discovered in the United States north of Virginia. Vol. I.† *pp. xii, 518.* 8⁰. *New York*, 1824.

Torrey (J.) A Compendium of the Flora of the northern and middle States, containing . . . descriptions of all the Plants, exclusive of the Cryptogamia, hitherto found in the United States, north of the Potomac. *pp. 403.* 8⁰. *New York*, 1826.

Torrey (J.) Catalogue of North American genera of Plants, arranged according to the orders of Lindley's Introduction to the natural system of Botany, with the number of species belonging to each genus, *&c.* *pp. 22.* 4⁰. *New York*, 1831.

Torrey (J.) Monograph of the North American Cyperaceæ . . . to which is appended a monograph of the North American species of *Rhynchospora*, &c., by A. Gray. 8⁰. *New York*, 1836.
Annals Lyc. Nat. Hist. New York. Vol. III, *pp. 239–448 & 191–238.*

Torrey (J.) [For catalogue of Plants in the State of New York, and botanical reports in connection with the Geological Survey] *See* NEW YORK, *State of.—Geological Survey.* State of New York . . . In Assembly . . . 1837 (1838–41). Communication from the Governor, *&c.* 8⁰. 1837–41.

Torrey (J.) A Flora of the State of New York, *&c.* 2 Vol. *See* NEW YORK, *State of.* Natural History of New York. Pt. II. 4⁰. 1843.

Torrey (J.) [Botany of the western United States.] *See* UNITED STATES. Notes of a . . . reconnoissance from Fort Leavenworth, *&c.* Appendix No. 2 & 6. 8⁰. 1848.

Torrey (J.) [Botany of Utah.] *See* STANSBURY (H.) An expedition to the Valley of the Great Salt Lake of Utah, *&c.* Appendix D. 8⁰. 1852.

Torrey (J.) [Botany of Sitgreaves' Expedition.] *See* UNITED STATES. Report of an expedition down the Zuni and Colorado Rivers, *&c.* 8⁰. 1853.

Torrey (J.) Botany. Description of the Plants collected during the expedition. *See* UNITED STATES. Exploration of the Red River of Louisiana, *&c.* Appendix F. 8⁰. 1853.

—— [Re-issue.] 8⁰. 1854.

Torrey (J.)
Plantæ Frémontianæ; or, descriptions of Plants collected by Col. J. C. Frémont in California. *pp. 24: 10 pls.*
Observations on the *Batis maritima* of Linnæus. *pp. 8: 1 pl.*
On the *Darlingtonia Californica*, a new Pitcher-Plant, from northern California. *pp. vii: 1 pl.*
See SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. VI, art. 2–4. 4⁰. 1854.

Torrey (J.) [For Botanical Reports, *&c.*] *See* UNITED STATES.—*Pacific Railroad Survey.* Reports, *&c.* Vol. II, IV, V & VII. 4⁰. 1855–57.

Torrey (J.) Botany of the [United States and Mexican] Boundary. *pp. 270 : 61 pls. See* United States. Report of the United States and Mexican Boundary Survey, *&c.* Vol. II, pt. 1. 4⁰. 1859.

Torrey (J.) Catalogue of the plants [Verbenaceæ to Cyperaceæ] collected upon the [Colorado exploring] expedition. *See* United States. Report upon the Colorado River of the West, *&c.* Pt. IV. Botany. 4⁰. 1861.

Torrey (J.) Phanerogamia of the Pacific coast of North America. *See* United States. United States exploring expedition . . . 1838–42. Under the command of C. Wilkes. Vol. XVII, pt. II. fol. 1874.

Torrey (J.) & **Frémont** (J. C.) Descriptions of some new genera and species of Plants, collected in . . . Oregon and North California, in . . . 1843–44. *See* United States. Report of the Exploring Expedition to the Rocky Mountains, *&c.* Appendix C. 8⁰. 1845.

Torrey (J.) & **Gray** (A.) A Flora of North America, containing abridged descriptions of all the known indigenous and naturalized Plants growing north of Mexico, *&c.* 2 Vol. 8⁰. *New York*, 1838–40 [–43].
Vol. II was never completed : it ends abruptly at p. 504.

Torrey (J.) & **Gray** (A.) Report on the Botany of the . . . route on the forty-first parallel . . . and route near the thirty-eighth and thirty-ninth parallels, *&c.* — Report on the Botany of the . . . route near the thirty-second parallel, *&c. See* United States. — *Pacific Railroad Survey.* Reports, *&c.* Vol. II. 4⁰. 1855.

TORREY BOTANICAL CLUB.
[1858 Informally organized.
1867 Re-organized.
1871 Incorporated as *New York Botanical Club.*
1872 *Torrey Botanical Club.*]
Bulletin, *&c.* Vol. I→ 8⁰. *New York*, 1870→

Torrey Botanical Club.
Memoirs, *&c.* Vol. I→ 8⁰. *New York*, 1889→
Each number comprises a complete paper, and in Vol. III→ each paper is separately paged.

Torrey Botanical Club.
Torreya : a Monthly Journal of Botanical Notes and News. Edited for the . . . Club by M. A. Howe. Vol. I→ 8⁰. *Lancaster, Pa.*, 1901→

Torrey Botanical Club.
Preliminary Catalogue of Anthophyta and Pteridophyta reported as growing spontaneously within one hundred miles of New York City . . . Compiled by the . . . Committee of the . . . Club, *&c. pp. xviii, 90 : 2 maps.* 8⁰. *New York*, 1888.

TORREYA: a Monthly Journal of Botanical Notes and News, *&c.* Vol. I→ *See* Torrey Botanical Club. 8⁰. 1901→

TORRIGIANI (Pietro) Catalogo delle Piante che si coltivano nel Giardino del . . . P. Torrigiani in Firenze, 1841. *See* Targioni-Tozzetti (A.) 4⁰. 1841.

TORRUBIA (José) [–1768] Aparato para la Historia Natural Española . . . Contiene muchas dissertaciones physicas, especialmente sobre el Diluvio. Resuelve el gran problema de la transmigracion de cuerpos marinos, y su petrificacion en los mas altos montes de España, donde recientemente se han descubierto, *&c.* Tom. I.† *pp.* [*xxiv,*] *204* [*34*] *: 10 pls.* 4⁰. *Madrid*, 1754.

Torrubia (J.) Des Vaters J. Torrubia . . . Vorbereitung zur Naturgeschichte von Spanien . . . Aus dem Spanischen übersetzt, und mit Anmerkungen begleitet, nebst Zusätzen, und Nachrichten, die neueste Portugiesische Litteratur betreffend ; von C. G. von Murr. *pp. 147 : 14 pls.* 4⁰. *Halle*, 1773.

TORSLOW (O. J.) Conspectus criticus Diatomacearum quem . . . defendet O. J. Torslow . . . P. III. *See* Agardh (C. A.) 8⁰. [1831.]

TORSSELL (Gustavus) [1811–1849] Enumeratio Lichenum et Byssacearum Scandinaviæ hucusque cognitarum. Ad normam . . . E. Fries curavit G. Torssell. *pp. 59.* 12⁰. *Upsaliæ* (1843).

TORTORI (Egisto) [1829–1893] Genesi organizzazione e metamorfosi degli Infusori. Opera postuma, *&c.* [Edited, with a preface containing a life of the author, by T. Martini and P. Marchi.] *pp. 196 : 60 pls.* (*col.*) 4⁰. *Firenze*, 1895.
Only 55 copies were printed.

Tortori (E.) E. Tortori e l'arte di modellare in cera. *See* Martini (T.) 8⁰. 1895.

TORTWORTH. The great Chesnut Tree at Tortworth. s.sh. *London*, 1791.
Lithographed plate.

TORUP (Sophus) *See* Archiv for Mathematik og Naturvidenskab. Udgivet af A. Helland, *&c.* Bd. XVII, hft. 2→ 8⁰. 1895→

TOSQUINET (Pierre Jules) [1824–1902] Contributions à la Faune Entomologique de l'Afrique. Ichneumonides. *pp. 430. See* Brussels. — Société entomologique de Belgique. Mémoires, *&c.* No. V. 8⁰. 1896.

Tosquinet (P. J.) Ichneumonides nouveaux, *&c. pp. xii, 403 : 1 port. See* Brussels.—Société entomologique de Belgique. Mémoires, *&c.* No. X. 8⁰. 1903.

TÓTH (Mike) Magyarország Ásványai. Különös tekintettel termöhelyeik megállapitására.—The Minerals of Hungary, with special regard to the determination of their occurrences. *pp. 565.* 8⁰. *Budapest*, 1882.

TOUCAS (Aristide) Mémoire sur les terrains Crétacés des environs du Beausset (Var). *pp. 65 : 1 map col., text illust. See* Paris.—Société géologique de France. Mémoires, *&c.* Sér. II, tom. IX, no. 4. 4⁰. 1873.

Toucas (A.) Études sur la classification et l'évolution des Hippurites. Pt. 1→ *See* Paris. — Société géologique de France. Mémoires, *&c.* Paléontologie. No. 30. 4⁰. 1903→

Toucas (A.) Études sur la classification et l'évolution des Radiolitidés. *pp. 132, 4 tabs. : 24 pls., text illust. See* Paris. — Société géologique de France. Mémoires, *&c.* Paléontologie. No. 36. 4⁰. 1907–09.

Toucas (A.) & **Hébert** (E.) Description du Bassin d'Uchaux. *See* Annales des Sciences Géologiques, *&c.* Tom. VI, no. 2. 8⁰. 1875.

—— [Another issue.] *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XII, no. 4. 8⁰. 1875.

TOULA (Franz) [1845–]
Geologie Ostgrönlands.—a. Allgemeine Uebersicht der geologischen Beschaffenheit Ostgrönlands.
Beschreibung mesozoischer Versteinerungen von der Kuhn-Insel.
See Bremen. — Geographische Gesellschaft. Die zweite Deutsche Nordpolarfahrt in . . . 1869 und 1870, *&c.* Bd. II. 8⁰. 1874.

Toula (F.) Kohlenkalk-Fossilien von der Südspitze von Spitzbergen. *pp. 25 : 5 pls.* 8⁰. [*Vienna*, 1874.]
Sitzungsber. k. Akad. Wissensch. Wien. Bd. LXVIII.

Toula (F.) Eine Kohlenkalk-Fauna von den Barents-Inseln. (Nowaja-Semlja N. W.) *pp. 77 : 6 pls.* 8⁰. [*Vienna*, 1875.]
Sitzungsber. k. Akad. Wissensch. Wien. Bd. LXXI.

Toula (F.) Kohlenkalk- und Zechstein-Fossilien aus dem Hornsund an der Süd-Westküste von Spitzbergen. *pp. 24 : 1 pl.* 8⁰. [*Vienna*, 1875.]
Sitzungsber. k. Akad. Wissensch. Wien. Bd. LXX.

Toula (F.) Permo-Carbon-Fossilien von der Westküste von Spitzbergen. (Belsund, Cap Staratschin, Nordfjord.) Gesammelt von . . . R. v. Drasche, *&c.* *pp. 37 : 6 pls., text illust.* 8⁰. *Stuttgart*, 1875.
Neues Jahrbuch f. Mineralogie. 1875.

Toula (F.) Eine geologische Reise in den westlichen Balkan und in die benachbarten Gebiete, *&c.* *pp. 128 : 1 map.* 8⁰. *Wien*, 1876.

Toula (F.) Die Semmering-Fahrt. *See* HAUER (F. VON) & NEUMAYR (M.) Führer zu den Excursionen der Deutschen Geologischen Gesellschaft, *&c.* v. 8⁰. 1877.

Toula (F.) Grundlinien der Geologie des westlichen Balkan. *pp. 56 : 4 pls., 1 map col., text illust.* 8⁰. *Wien*, 1881.
Denkschr. k. Akad. Wissensch. Wien. Bd. XLIV.

Toula (F.) Geologische Untersuchungen im centralen Balkan und in den angrenzenden Gebieten. Uebersicht über die Reiserouten und die wichtigsten Resultate der Reise. *pp. 35 : 1 map.* 8⁰. *Wien*, 1884.
Sitzungsber. k. Akad. Wissensch. Wien. Bd. XC, abth. I.

Toula (F.) Karte der Verbreitung nutzbarer Mineralien in der Oesterreichisch-Ungarischen Monarchie (nebst Bosnien-Herzegowina). *pp. 4 : 1 map.* fol. *Wien*, 1884.
The map is on the scale of 1 : 2,500,000, *i.e.* 1 in. = 39½ m. about.

Toula (F.) Mineralogische und petrographische Tabellen. *pp. 161.* 8⁰. *Prag & Leipzig*, 1886.

Toula (F.) Der Yellowstone-Nationalpark, der vulkanische Ausbruch auf Neu-Seeland und das Geysir-Phänomen, *&c.* *pp. 79 : text illust.* 8⁰. *Wien*, 1887.

Toula (F.) Geologische Forschungsergebnisse aus dem Flussgebiete des Colorado, *&c.* *pp. 51 : text illust.* 8⁰. *Wien*, 1887.

Toula (F.) Ueber die mikroskopische Untersuchung der Gesteine, *&c.* *pp. 55 : 3 pls.* 8⁰. *Wien*, 1889.

Toula (F.) Zur Erinnerung an M. Neumayr. Zugleich Ausweis über die zur Herstellung des Neumayr-Denkmals in den Arkaden der Wiener Universität gezeichneten Beträge und über deren Verwendung. *pp. 10, 38 : 1 port.* 8⁰. *Wien*, 1892.

Toula (F.) Lehrbuch der Geologie, *&c.* *pp. ix, 412 : 30 pls., 2 maps geol. col.* 8⁰. *Wien*, 1900.

Toula (F.) Das Nashorn von Hundsheim. *Rhinoceros* (*Ceratorhinus*, Osborn) *hundsheimensis*, nov. form. Mit Ausführungen über die Verhältnisse von elf Schädeln von *Rhinoceros* (*Ceratorhinus*) *sumatrensis.* *pp. 92, 1 tab. : 12 pls., text illust.* *See* AUSTRIA-HUNGARY.—*Kaiserlich-Koenigliche Geologische Reichsanstalt.* Abhandlungen, *&c.* Bd. XIX, hft. 1. 4⁰. 1902.

Toula (F.) Das Gebiss und Reste der Nasenbeine von *Rhinoceros* (*Ceratorhinus*, Osborn) *hundsheimensis.* *pp. 38 : 2 pls., text illust.* *See* AUSTRIA-HUNGARY.—*Kaiserlich-Koenigliche Geologische Reichsanstalt.* Abhandlungen, *&c.* Bd. XX, hft. 2. 4⁰. 1906.

Toula (F.) Die Acanthicus-Schichten im Randgebirge der Wiener Bucht bei Giesshübl (Mödling WNW). *pp. 120 : 19 pls., text illust.* *See* AUSTRIA-HUNGARY.—*Kaiserlich-Koenigliche Geologische Reichsanstalt.* Abhandlungen, *&c.* Bd. XVI, hft. 2. 4⁰. 1907.

Toula (F.) Paläontologische Mitteilungen aus den Sammlungen von Kronstadt in Siebenbürgen. *pp. [i,] 49 : 5 pls., text illust.* *See* AUSTRIA-HUNGARY.—*Kaiserlich-Koenigliche Geologische Reichsanstalt.* Abhandlungen, *&c.* Bd. XX, hft. 5. 4⁰. 1911.

TOULOUSE.—Académie des Sciences, Inscriptions et Belles-Lettres.

[1729 Founded as *Société des Sciences de Toulouse.*
1746 *Académie des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
1797 *Lycée de Toulouse.*
1804 *Athénée de Toulouse.*
1807 *Académie des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
1827 (or earlier) *Académie Royale des Sciences, Inscriptions et Belles-Lettres de Toulouse.*
1848 *Académie Nationale des Sciences, &c.*
1853 *Académie Impériale des Sciences, &c.*
1879 *Académie des Sciences, &c.*]

Histoire et Mémoires, *&c.* Tom. I–IV. 4⁰. *Toulouse & Paris*, 1782–90.

—— 1807–41. Sér. II, tom. I–VI. 8⁰. *Toulouse*, 1827–43.

Mémoires, *&c.* Sér. III, tom. I–VI. 8⁰. *Toulouse*, 1844–50.

—— Table alphabétique des Matières contenues dans les seize premiers tomes, *&c.* *pp. 85.* 8⁰. *Toulouse*, 1854.

—— Sér. IV, tom. I–VI. 8⁰. *Toulouse*, 1851–56.

—— Table alphabétique des Matières contenues dans . . . la quatrième Série, *&c.* 8⁰. [*Toulouse*, 1856 ?]

—— Sér. V, tom. I–VI. 8⁰. *Toulouse*, 1857–62.

—— Table alphabétique des Matières contenues dans . . . la cinquième Série, *&c.* 8⁰. [*Toulouse*, 1862 ?]

—— Table alphabétique des Matières contenues dans les douze derniers tomes (IVᵉ et Vᵉ Série), *&c.* 8⁰. *Toulouse*, 1864.

—— Sér. VI, tom. I–VI. 8⁰. *Toulouse*, 1863–68.

—— Table alphabétique des Matières contenues dans . . . la sixième Série, *&c.* 8⁰. [*Toulouse*, 1868 ?]

—— Sér. VII, tom. I–X. 8⁰. *Toulouse*, 1869–78.

—— Table alphabétique des Matières contenues dans . . . la septième Série, *&c.* 8⁰. *Toulouse*, 1879.
Dated on the wrapper "1880."

—— Sér. VIII, tom. I–X. 8⁰. *Toulouse*, 1879–88.
Tom. I–VIII are each in two separately-paged parts.

—— Sér. IX, tom. I–IX. 8⁰. *Toulouse*, 1889–97.
From 1898 to 1900 the Society published a "Bulletin" [*q.v.* infra]; after which the "Mémoires" were resumed as :—

—— Sér. X, tom. I→ 8⁰. *Toulouse*, 1901→

Toulouse.—Académie des Sciences, *&c.*

Bulletin, *&c.* Tom. I–III. 8⁰. *Toulouse*, 1898–1900.
These three volumes were issued when the publication of the "Mémoires" [*q.v.* supra] had been suspended; the rest of the Bulletins appeared as a section of the Mémoires.

TOULOUSE.—Musée d'Histoire naturelle.

Archives, *&c.* Publication I–IV.† 4⁰. *Toulouse*, 1879–82.

TOULOUSE.—Société d'Histoire naturelle.

[Founded 1866.]

Bulletin, *&c.* Tom. I→ 8⁰. *Toulouse*, 1867→

—— But et historique de la Société.— Table des Matières de 1866 à 1886, *&c.* 8⁰. *Toulouse*, 1887.

TOULOUSE.—Société des Sciences physiques et naturelles. [Founded 1871.]
Bulletin, *&c.* Tom. I→ 8⁰. *Toulouse & Paris*, 1873→

TOULOUSE (ÉDOUARD) [1865-] *See* REVUE SCIENTIFIQUE . . . Directeur de la rédaction : Dr. Toulouse. Sér. V, tom. I-VIII. 4⁰. 1904-07.

TOUR (JEAN BAPTISTE LOUIS CLAUDE THÉODORE LESCHENAULT DE LA) *See* LESCHENAULT DE LA TOUR.

TOURLET (ERNEST HENRY) [1843-1907] Catalogue raisonné des Plantes Vasculaires du département d'Indre-et-Loire . . . Publié [with a "Notice nécrologique"] par les soins de J. Ivolas. *pp. xxiii, 621 : 1 port.* 8⁰. *Paris & Tours*, 1908.

TOURMENTE (A.) Mappa de la República Argentina . . . Escala 1 : 4,000,000 [*i.e.* 1 in. = 63 m. about]. *See* NAPP (R.) The Argentine Republic, *&c.* s.sh. 1875.

TOURNEFORT (JOSEPH PITTON DE) [1656-1708] Schola Botanica, sive Catalogus Plantarum quas ab aliquot annis in Horto Regio Parisiensi studiosis indigitavit . . . J. P. Tournefort, *&c.* *See* A., S. W. 12⁰. 1689.

Tournefort (J. P. DE) Élémens de Botanique, ou méthode pour connoître les Plantes. 3 Tom. *pp.* [*xviii,*] *562* [*20*], *1 tab. : 451 pls.* 8⁰. *Paris*, 1694.

J. P. Tournefort . . . Institutiones Rei Herbariæ. Editio altera, Gallia longe auctior, *&c.* (— Corollarium . . . in quo Plantæ . . . in orientalibus regionibus observatæ recensentur, *&c.*) 4 Tom. *illust.* 4⁰. *Parisiis*, 1700 (-03).

Plantæ novæ a D. J. P. Tournefort . . . observatæ in orientalibus regionibus, et in corollario Institutionum Rei Herbariæ nomine tenus traditæ : in alphabeticum ordinem digestæ. *See* RAY (J.) Historia Plantarum, *&c.* Vol. III, Appendix. fol. 1704.

Tournefortius contractus, sub forma tabularum, *&c.* *See* VALENTINI (C. B.) fol. 1715.

Plantæ . . . specierum novarum vel dubiarum descriptiones . . . pro supplendis Institutionibus Rei Herbariæ J. P. Turnefortii. *See* DILLENIUS (J. J.) J. J. Dillenii . . . Catalogus Plantarum sponte circa Gissam nascentium, *&c.* 8⁰. 1719.

—— Editio tertia, Appendicibus aucta ab A. de Jussieu, *&c.* (— Corollarium, *&c.*) 3 Tom. *illust.* 4⁰. *Parisiis*, 1719.

Élémens de Botanique . . . Édition augmentée de tous les supplémens donnés par A. de Jussieu ; enrichie d'une Concordance avec les classes, les ordres du Système Sexuel de Linné, et les familles créées par L. A. de Jussieu . . . par N. Jolyclerc. 6 Tom. *illust.* 8⁰. *Lyon*, 1797.

Concordance des figures de Plantes Cryptogames de . . . Tournefort . . . avec la Nomenclature de . . . Smith, Achar, *&c.* *See* LE TURQUIER DELONGCHAMP (J. A.) & LEVIEUX (J. B. P.) 8⁰. 1820.

Tournefort (J. P. DE) The Compleat Herbal : or, the Botanical Institutions of Mr. Tournefort . . . translated [by J. Martyn] from the original Latin. With . . . additions from Ray, Gerarde, Parkinson, and others . . . with a short account of the Life and Writings of the author. 2 Vol. *illust.* 4⁰. *London*, 1719-30.

Tournefort (J. P. DE) Histoire des Plantes qui naissent aux environs de Paris, avec leur usage dans la Médicine. *pp.* [*liv,*] *543* (*18*). 12⁰. *Paris*, 1698.

—— Seconde édition . . . augmentée par . . . B. de Jussieu. 2 Vol. 12⁰. *Paris*, 1725.

Tournefort (J. P. DE) Tournefort's History of Plants growing about Paris . . . translated into English, with many additions, and accommodated to the Plants growing in Great-Britain. By J. Martyn. 2 Vol. 8⁰. *London*, 1732.

Tournefort (J. P. DE) Relation d'un Voyage du Levant . . . Contenant l'histoire . . . de plusieurs Isles de l'Archipel, de Constantinople, des Côtes de la Mer Noire, de l'Arménie, de la Georgie, des frontières de Perse & de l'Asie Mineure . . . Enrichie . . . de plusieurs observations touchant l'Histoire naturelle. ([To which is prefixed an] Éloge de M. de Tournefort. Par M. de Fontenelle.) 2 Tom. *illust.* 4⁰. *Paris*, 1717.

The Éloge is that which appeared in the "Hist. Acad. roy. Sci. Paris," 1708 (1730).

Tournefort (J. P. DE) A Voyage into the Levant [translated by J. Ozell] . . . To which is prefix'd the author's Life [by H. M. Lauthier] : as also his Elogium, pronounc'd by M. Fontenelle, *&c.* 2 Vol. *illust.* 4⁰. *London*, 1718.

Wanting pl. I.

—— [Another edition.] 3 Vol. *illust.* 8⁰. *London*, 1741.

Tournefort (J. P. DE) Introductio ad historiam Testaceorum a . . . P. Tournefortio in codice MS. relicta. *See* GUALTIERI (N.) Index Testarum Conchyliorum, *&c.* fol. 1742.

Tournefort (J. P. DE) A Botanical Dictionary . . . Containing . . . an explanation of the scientific terms used by . . . Tournefort, *&c.* *See* MILNE (C.) 8⁰. 1770.

Tournefort (J. P. DE) Dissertatio botanica genera Tournefortii stilo reformato & botanico sistens, *&c.* *See* HERNQUIST (P.) & CHRISTOPHERSSON (A.) 4⁰. [1771.]

Tournefort (J. P. DE) Catalogue des Plantes que M. P. de Tournefort trouva dans ses voyages d'Espagne et Portugal, copié de l'original du dit M. Tournefort. *pp. 181.* 4⁰.

Banksian MS. No. 82. *See* Dryander's "Cat. Bibl. Banks," Vol. III, p. 145.

TOURNIER (HENRI) Description des Dascillides du bassin du Léman. *See* GENEVA.—ASSOCIATION ZOOLOGIQUE DU LÉMAN. Année 1867. 8⁰. 1868.

Tournier (H.) *See* ENTOMOLOGISTE GENEVOIS, L'. Journal . . . publié sous la direction de M. H. Tournier. Ann. I.† 8⁰. 1889 (-90).

TOURNON (DOMINIQUE JÉRÔME) Flore de Toulouse, ou description des Plantes qui croissent aux environs de cette ville, avec . . . des observations sur leurs propriétés . . . et les tables de leurs noms Français, Latins, et Patois. *pp. 933* [*2*] : *1 pl.* 8⁰. *Toulouse*, 1811.

TOURNOUËR (RAOUL) [1823?-1882] Étude sur les Fossiles Tertiaires de l'Île de Cos recueillis par M. Gorceix en 1873. 4⁰. [*Paris*, 1876.]

Ann. scient. École norm. supérieure. Sér. II, tom. V, *pp. 445-478 : 2 pls.*

Tournouër (R.) & **Fischer** (P. H.) Invertébrés fossiles du Mont Léberon. *See* GAUDRY (J. A.) Animaux fossiles du Mont Léberon, *&c.* 4⁰. 1873.

TOURRETTE (MARC ANTOINE LOUIS CLARET DE FLEURIEU DE LA)
See LA TOURRETTE (M. A. L. C. DE F. DE).

TOUSSAINT (ABRAHAM JOANNES DANIEL STEENSTRA) *See* STEENSTRA TOUSSAINT.

TOUSSAINT (ANATOLE) Europe et Amérique (Nord-est). Flores comparées, *&c.* *pp. 650.* 8⁰. *Paris*, 1912.

TOUSSAINT (Fr. W.) Die Wiese, deren Technik, Pflege und ökonomische Bedeutung. *pp.* [*xii,*] *276 : 9 pls.* 8⁰. *Breslau*, 1885.

TOUTKOWSKI (Paul) *See* Tutkovskiĭ (P. A.)

TOUVET (Casimir J. M. Arvet) *See* Arvet-Touvet.

TOUZÉ DE LONGUEMAR (Alphonse le) *See* Longuemar (A. le Touzé de).

TOVEY (James Richard) The Weeds, Poison Plants, and naturalized aliens of Victoria. By A. J. Ewart . . . Assisted by J. R. Tovey. *See* Victoria, *Australia.—Department of Agriculture.* 8⁰. 1909.

TOWARZYSTWO NAUK ŚCISLYCH W PARYŻU. [*Society of Exact Sciences at Paris.*] *See* Paris.

TOWARZYSTWO NAUKOWE KRAKOWSKIE. *See* Cracow.—akademija umiejętności.

TOWER (William Lawrence) An investigation of evolution in Chrysomelid Beetles of the genus *Leptinotarsa. pp. x, 320 : 30 pls.* (*col.*), *text illust.* 8⁰. *Washington, D.C.*, 1906.
Carnegie Institution of Washington, Publication No. 48.

TOWER MENAGERIE. The Tower Menagerie: comprising the natural history of the Animals contained in that establishment, *&c.* *See* Bennett (E. T.) 8⁰. 1829.

TOWERSON (William) [fl. 1555–1577] Erste (—Dritte) Reise nach der Küste von Guinea, im Jahre 1555 (–57). *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

Towerson (W.) Voyage (—Third voyage) to the coast of Guinea. (1555–57.) *See* Moore (J. H.) A . . . Collection of Voyages and Travels, *&c.* Vol. i. fol. [1780?]

TOWNDROW (R. F.) & **Edwards** (W.) The Butterflies and Moths of Malvern. *See* Edwards (W.) & Towndrow (R. F.) 8⁰. 1899.

TOWNLEY (John) The Diseases, regeneration, and culture of the Potato, *&c. pp. vi, 106.* 8⁰. *London*, 1847.

TOWNSEND (Charles Henry Tyler) A preliminary account of some Insects injurious to Fruits. *See* Las Cruces.—new mexico college of agriculture, *&c.—Agricultural Experiment Station.* Bulletin No. 3. 8⁰. 1891.

Townsend (Charles H. T.) Notices of importance concerning Fruit Insects. *See* Las Cruces.—new mexico college of agriculture, *&c.—Agricultural Experiment Station.* Bulletin No. 5. 8⁰. 1892.

Townsend (Charles H. T.) Scale-Insects in New Mexico. *See* Las Cruces.—new mexico college of agriculture, *&c.—Agricultural Experiment Station.* Bulletin No. 7. 8⁰. 1892.

Townsend (Charles H. T.) A record of results from rearings and dissections of Tachinidæ. *See* United States.—*Department of Agriculture.—Entomology Division.* Technical Series No. 12, pt. vi. 8⁰. 1908.

Townsend (Charles H. T.) The Taxonomy of the Muscoidean Flies, including descriptions of new genera and species. *pp. 138 : 1 text illust. See* Smithsonian Institution. Smithsonian Miscellaneous Collections. (No. 1803) Vol. li. 8⁰. 1908.

Townsend (Charles H. T.) [For Notes on the families of the Dexiidæ and Tachinidæ, and on some genera] *See* Williston (S. W.) Manual of North American Diptera . . . Third edition. 8⁰. 1908.

TOWNSEND (Charles Orrin) A Soft Rot of the Calla Lily. *pp. 47 : 9 pls. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 60. 8⁰. 1904.

Townsend (Charles O.) Curly-Top, a disease of the Sugar Beet. *pp. 37 : 11 pls. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 122. 8⁰. 1908.

Townsend (Charles O.) & **Rittue** (E. C.) The development of single-germ Beet Seed. *pp. 23 : 8 pls., text illust. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 73. 8⁰. 1905.

Townsend (Charles O.) & **others.** Crown-Gall of Plants: its cause and remedy. *pp. 215 : 36 pls. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 213. 8⁰. 1911.

TOWNSEND (Frederick) [1822–1905] Notes on the Flora of Hampshire. *pp. 15.* 8⁰. *London*, 1879.

Townsend (F.) Flora of Hampshire, including the Isle of Wight; or a List of the Flowering Plants and Ferns found in the County of Southampton, *&c. pp. xxiv, 524 : 2 pls.* (*col.*), *1 map col.* 8⁰. *London*, 1883.

—— New (Second) edition, *&c. pp. xxxviii* [*ii,*] *657* [*1*] *: 2 pls.* (*col.*), *1 map col.* 8⁰. *London*, 1904.

Townsend (F.) Monograph of the British species of *Euphrasia, &c. pp. 48 : 7 pls.* 8⁰. [*London*, 1897.]
Journ. Botany. Sept.—Dec., 1897.

TOWNSEND (John Kirk) [1809–1851] Narrative of a journey across the Rocky Mountains, to the Columbia River, and a visit to the Sandwich Islands, Chili, *&c.*, with a scientific appendix. *pp. 352.* 4⁰. *Philadelphia*, 1839.
The Appendix contains catalogues of the Quadrupeds and Birds found in the territory of the Oregon.

—— [Another edition entitled:] Sporting excursions in the Rocky Mountains, including a journey to the Columbia River, and a visit to the Sandwich Islands, Chili, *&c.* 2 Vol. [in 1] *illust.* 8⁰. *London*, 1840.

TOWNSEND (Joseph) Geological and Mineralogical researches, during a period of more than fifty years, in England, Scotland, Ireland, Switzerland, Holland, France, Flanders and Spain, *&c. pp. vi, 448 : 21 pls.* 4⁰. *Bath*, 1824.
The plates are dated 1812.
This work originally formed one of the two volumes issued by the author, 1813–15, entitled "The character of Moses established," *&c.*
Two title-pages were issued to this English edition, one with, and one without the name of the London publisher.

TOWNSHEND (Chauncy Hare) [1798–1868] Precious Stones . . . With a Catalogue of the Townshend Collection of Gems . . . By A. H. Church. *See* Victoria and Albert Museum. 8⁰. 1883.

—— New edition. 8⁰. 1905.

—— Third edition. 8⁰. 1908.

—— [Another edition.] 8⁰. 1913.

TOWNSHEND (Frederick Trench) [1839–] Ten thousand miles of travel, sport, and adventure. *pp. xiv, 275 : 1 pl.* 8⁰. *London*, 1869.

Townshend (F. T.) A cruise in Greek Waters, with a hunting excursion in Tunis. *pp. xv, 286 : 1 pl.* 8⁰. *London*, 1870.

TOWNSHEND (JOHN K.) *See* TOWNSEND.

TOWNSON (ROBERT) R. Townson . . . Observationes physiologicæ de Amphibiis. Pars prima de Respiratione, *&c. pp. 26 : 1 pl.* 4⁰. *Gottingæ*, 1794.

Townson (R.) Travels in Hungary, with a short account of Vienna in . . . 1793. *pp. xviii, 506 : 16 pls., 1 map.* 4⁰. *London*, 1797.

Appendix contains :—
Entomologia.
Regnum Vegetabile.

Townson (R.) Voyage en Hongrie . . . Traduit de l'Anglais par le C. Cantwel. [Edited, with a preface, by T. Mandar.] 3 Tom. *illust.* 8⁰. *Paris*, An VII [1799].

Townson (R.) Philosophy of Mineralogy. *pp. xiv, 219 : 3 pls. (1 col.)* 8⁰. *London*, 1798.

Townson (R.) Tracts and Observations in Natural History and Physiology. *pp. ix, 232 : 7 pls.* 8⁰. *London*, 1799.

TOWRSON (WILLIAM) *See* TOWERSON.

TOWSEY (JOSEPH HENRY) Report on the Sulphur Industry of Sicily. *See* GREAT BRITAIN & IRELAND. —*Foreign Office.* Reports on subjects of general and commercial interest. Miscellaneous Series, No. 297. 8⁰. 1893.

TOWSON (JOHN THOMAS) [1804?–1881] Icebergs in the Southern Ocean ; a paper read . . . November, 1857, and corrected from Reports of more recent dates. *pp. 16 : 1 map.* 8⁰. *Liverpool*, 1859.

Printed for private circulation.

TOXITES (MICHAEL) [1500–1574] Horn des heyls menschlicher Blödigkeit, oder Kreütterbuch . . . Jetzunder erst durch Doctorem Toxiten . . . in Truck geben, *&c. See* ANONYMUS (PHILOMUSUS) *pseud.* fol. 1576.

TOYNBEE (HENRY) [1819–] On the minute inhabitants of the surface of the Ocean. *pp. 25 : 2 pls. col.* 8⁰. (*London*,) 1860.

Reprinted from the "Nautical Magazine."

TOYNBEE (*Mrs.* HENRY) [189 sheets of original water-colour drawings of Marine Organisms taken with the surface tow net during voyages between England and India, via the Cape of Good Hope, in 1856–1858. With manuscript notes.]

TOZZETTI (TARGIONI) *See* TARGIONI-TOZZETTI.

TRABUCCO (GIACOMO) [1845–] Considerazione Paleo-Geologiche sui resti di *Arctomys marmota* scoperti nelle tane del Colle de S. Pancrazio, presse Silvano d'Olba (Alto Monferrato). *pp. 38 : 1 pl.* 4⁰. *Pavia*, 1887.

Trabucco (G.) Sulla vera posizione del Calcaire di Acqui (alto Monferrato). Studio Geo-Paleontologico. *pp. 28 : 1 pl.* 8⁰. *Firenze*, 1891.

TRABUT (LOUIS) [1853–] D'Oran à Mécheria. Notes Botaniques et Catalogue des Plantes remarquables. *pp. 36.* 8⁰. *Alger*, 1887.

Trabut (L.) Étude sur l'Halfa (*Stipa tenacissima*). *pp. vi, 90 : 22 pls.* 8⁰. *Alger*, 1889.

Trabut (L.) & **Battandier** (J. A.) Contributions à la Florule des environs d'Alger. *See* BATTANDIER (J. A.) & TRABUT (L.) 8⁰. 1878.

Trabut (L.) & **Battandier** (J. A.) Flore d'Alger . . . Monocotyledones. *See* BATTANDIER (J. A.) & TRABUT (L.) 8⁰. 1884.

Trabut (L.) & **Battandier** (J. A.) Atlas de la Flore d'Alger, *&c.* Fasc. I→ *See* BATTANDIER (J. A.) & TRABUT (L.) 8⁰. 1886→

Trabut (L.) & **Battandier** (J. A.) Flore de l'Algérie, *&c.* Tom. I→ *See* BATTANDIER (J. A.) & TRABUT (L.) 8⁰. 1888→

TRACTS. Tracts relative to Botany, *&c. See* BOTANY. 8⁰. 1805.

TRACY (SAMUEL MILLS) [1847–] Report of an investigation of the Grasses of the arid districts of New Mexico, Arizona, Nevada, and Utah. *See* UNITED STATES. — *Department of Agriculture.—Botany Division.* Bulletin No. 6. 8⁰. 1888.

Tracy (S. M.) Forage Plants for the South. *pp. 30 : text illust. See* UNITED STATES.—*Department of Agriculture.* Farmers' Bulletin No. 18. 8⁰. 1894.

Tracy (S. M.) [For descriptions of Plants, *&c.*] *See* GREENE (E. L.) *& others.* Plantæ Bakerianæ. 8⁰. [1901→]

Tracy (S. M.) Some important Grasses and Forage Plants for the Gulf Coast region. *pp. 15 : text illust. See* UNITED STATES. — *Department of Agriculture.* Farmers' Bulletin No. 300. 8⁰. 1907.

Tracy (S. M.) & **Piper** (C. V.) The Florida Velvet Bean and related Plants. *pp. 26 : 7 pls. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 179. 8⁰. 1910.

TRACY (WILLIAM WOODBRIDGE) A List of American varieties of Peppers. *pp. 19. See* UNITED STATES.— *Department of Agriculture. — Plant Industry Bureau.* Bulletin No. 6. 8⁰. 1902.

Tracy (W. W.) American varieties of Lettuce. *pp. 103 : 27 pls. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 69. 8⁰. 1904.

Tracy (W. W.) American varieties of Garden Beans. *pp. 173 : 24 pls. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 109. 8⁰. 1907.

TRADESCANT (JOHN) [1608–1662] Musæum Tradescantianum : or, a collection of rarities. Preserved at South-Lambeth neer London. *pp. [xx,] 179.* 8⁰. *London*, 1656.

TRAEGER (EUGEN) Die Halligen der Nordsee. *pp. 117 : 3 maps, text illust. See* STUTTGART.—*Centralkommission fuer Wissenschaftliche Landeskunde von Deutschland.* Forschungen, *&c.* Bd. VI, hft. 3. 8⁰. 1892.

TRAFVENFELDT (ERICUS CAROLUS) Genera nova Plantarum . . . Part VII. . . . submittit E. C. Trafvenfeldt, *&c. See* THUNBERG (C. P.) Nova genera Plantarum, *&c.* 4⁰. [1792.]

—— [Another edition.] *See* THUNBERG (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. I [no. 7]. 8⁰. 1799.

TRÄGÅRDH (IVAR) Beiträge zur Fauna der Bären-Insel . . . Die Acariden, zugleich ein Beitrag zur Kenntnis der Entwickelungsgeschichte der Bdelliden. *pp. 24 : 2 pls., text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 7. 8⁰. 1900 (1901).

Trägårdh (I.) Zur Kenntniss der litoralen Arten der Gattung *Bdella*, Latr. *pp. 24 : 2 pls. See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVII, afd. IV, no. 9. 8⁰. 1902.

Trägårdh (I.) Beiträge zur Kenntnis der Schwedischen Acaridenfauna . . . I. Lappländische Trombidiiden und Oribatiden. *pp. 26 : 3 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. IV, no. 5. 8⁰. 1902 (1903).

Trägårdh (I.) Beiträge zur Kenntnis der Dipterenlarven. 2 Pt. *illust. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I, no. 1; bd. VIII, no. 5. 8⁰. 1903, 13.

Part 2 is in Swedish, with English summary.

Trägårdh (I.) Monographie der arktischen Acariden. Inaugural-Dissertation, *&c. pp. 78 : 1 pl., text illust.* 4⁰. *Jena*, 1904.

—— [Another issue.] *See* ROEMER (F.) & SCHAUDINN (F.) Fauna Arctica, *&c.* Bd. IV, no. 1. 4⁰. 1905.

Trägårdh (I.) Description of *Termitomimus*, a new genus of termitophilous physogastric Aleocharini, with notes on its anatomy. *See* WIRÉN (A.) *& others.* Zoologische Studien . . . T. Tullberg . . . gewidmet, *&c.* 4⁰. 1907.

Trägårdh (I.)
Notes on a termitophilous Tineid larva. *pp. 7 : 1 pl.*
Description of two myriopodophilous genera of Antennophorinæ, with notes on their developement [*sic*] and biology. *pp. 33 : 1 pl.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 22 & 28. 8⁰. 1907.

Trägårdh (I.) The Acari of the Swedish South Polar Expedition. (—Appendix. Acari of the Scotch Antarctic Expedition, by E. L. Trouessart.) *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901–1903, *&c.* Bd. V, no. 11. 4⁰. 1908.

Trägårdh (I.)
Contributions to the knowledge of *Thaumatoxena*, Bredd. & Börn. *pp. 12 : text illust.*
Reptilien und Batrachier, gesammelt von . . . I. Trägårdh in Natal and Zululand, 1904–05. Von T. Odhners. *pp. 7.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. IV, no. 10 & 18. 8⁰. 1908.

Trägårdh (I.) On the biology and development of *Clitostethus arcuatus* (Rossi), an enemy of the Aleyrodidæ. *pp. 14 : 1 pl., text illust. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. V, no. 12. 8⁰. 1909.

Trägårdh (I.) *Speleorchestes*, a new genus of saltatorial Trombidiidæ, which lives in Termites' and Ants' nests. *pp. 14 : text illust. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VI, no. 2. 8⁰. 1909.

Trägårdh (I.) [Acari from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. III, Arachnoidea, no. 3. 4⁰. 1910.

Trägårdh (I.) Contributions towards the metamorphosis and biology of *Orchestes populi*, *O. fagi* and *O. quercus. pp. 25 : 2 pls., text illust. See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. VI, no. 7. 8⁰. 1910.

Trägårdh (I.) *Discomegistus*, a new genus of myriopodophilous Parasitidæ from Trinidad, with notes on the Heterozerconinæ. *pp. 21 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 12. 8⁰. 1911.

Trägårdh (I.) Contributions towards the comparative morphology and phylogeny of the Parasitidæ (Gamasidæ). *pp. 24 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. VII, no. 28. 8⁰. 1913.

Trägårdh (I.)
Tisanuri raccolti dal Dr. I. Trägårdh nel Natal e nel Zululand. Per F. Silvestri. *pp. 15 : text illust.*
Contributions towards the comparative morphology of the trophi of the Lepidopterous Leaf-Miners. *pp. 48 : text illust.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. VIII, no. 1 & 9. 8⁰. 1913.

TRÄGÅRDH (LARS ANDREAS) [1818–] Synopsis generis Lupini, quam . . . defendet J. G. Agardh . . . respondente L. A. Trägårdh . . . Part II. *See* AGARDH (J. G.) 4⁰. [1835.]

TRAGUS (HIERONYMUS) *See* BOCK.

TRAIL (JAMES WILLIAM HELENUS) [1851–] *See* SCOTTISH NATURALIST, *The* . . . Edited by J. W. [H.] Trail. Vol. VII–X (= New Series, Vol. I–IV). 8⁰. 1883–90.

Trail (J. W. H.) Syllabus of Lectures on Botany. *pp. 56.* 8⁰. *Aberdeen* (1891).

Trail (J. W. H.) *See* ANNALS OF SCOTTISH NATURAL HISTORY, *The* . . . Edited by . . . J. W. H. Trail, *&c.* 1892–1911. 8⁰. 1892–1911.

Trail (J. W. H.) The Flowering Plants and Fern-Allies of the Cairngorms. 8⁰. [*Aberdeen*, 1895.]

Cairngorm Club Journal, Jan., 1895. *pp. 197–212.*

Trail (J. W. H.) The Flora of Perthshire, by F. B. W. White . . . Edited, with an introduction and Life of the author, a list of his scientific publications, and an appendix, by J. W. H. Trail, *&c. See* WHITE (F. B. W.) 8⁰. 1898.

Trail (J. W. H.) The Flora of Buchan. 2 Pt. 8⁰. *Peterhead*, 1902–04.

Reprinted from the "Trans. of the Buchan Field Club," Vol. VI, 1902, and the volume for 1904–05.

TRAILL (CATHERINE PARR) *Mrs.* [1802–1897] Studies of Plant Life in Canada; or gleanings from Forest, Lake and Plain. *pp. ix, 288 : 9 pls. col., 1 port.* 8⁰. *Ottawa*, 1885.

TRAILL (GEORGE WILLIAM) [1836–1897] [An Elementary Treatise on Quartz and Opal, including their varieties: with a notice of the principal foreign and British localities in which they occur. 4⁰. *Edinburgh & London*, 1867.]

Wanting.

—— New edition, *&c. pp. xiv, 73 : 1 pl.* 4⁰. *Edinburgh & London*, 1870.

Traill (G. W.) A Monograph of the Algæ of the Firth of Forth, *&c. pp. 16 [2] : 4 pp. of mounted specimens.* 4⁰. *Edinburgh*, 1885.

TRAILL (Thomas Stewart) [1781–1862] List of Animals met with on the eastern coast of West Greenland, with Notes and Memoranda [on *Mus Grœnlandica* by T. S. Traill]. *See* Scoresby (W.) Journal of a Voyage to the northern whale-fishery, *&c.* Appendix No. iii. 8⁰. 1823.

TRAILL (William Acheson) [For official publications in connection with memoirs illustrating the Map] *See* Great Britain & Ireland.—*Geological Survey: Ireland.* 8⁰.

TRAMPE (Johannes Gottfredus) D. J. H. Kniphofii . . . Botanica in Originali . . . Opera et studio J. G. Trampe, *&c.* Centur. i–xii. [in 4 Vol.] *See* Kniphof (J. H.) fol. [1758–] 1761–64.

TRANA (Erik Andreas) [1847–] Historisk Framställning af åsigterna om den typiska Pollenutvecklingen. Akademisk afhandling, *&c. pp. 36.* 8⁰. *Stockholm*, 1872.

TRANI (Emilio) Fauna Napoletana . . . Di una specie di Epeiridæ nuova per la Fauna Italiana. *pp. 4: text illust. See* Naples.—regia università degli studi. Annuario del Museo Zoologico della . . . Università . . . (Nuova Serie) Vol. i, no. 28. 4⁰. 1905.

Trani (E.) Di un nuovo proctotrupide parassita delle larve degli *Anthrenus musœorum. pp. 6: 1 pl. col. See* Naples.—regia università degli studi. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. iii, no. 4. 4⁰. 1909.

TRANSKEI. *See* Kaffraria.

TRANSVAAL. Annual Report of the State Geologist . . . for . . . 1897. Translated from the Dutch, *&c.* 8⁰. *Johannesburg*, 1898.

The Dutch original was printed but not distributed.
Trans. Geol. Soc. S. Africa. Vol. iv.

—— 1898. *pp. 46: 3 pls. (col.), 2 maps geol. col.* 8⁰. *Pretoria*, 1902.

TRANSVAAL.—geological survey.
Report . . . for the year 1903 (1904→) *illust.* 4⁰. *Pretoria*, 1904 (1905→).

Transvaal.—geological survey.
Memoir No. [1–] 2→ 8⁰. *Pretoria*, 1905→

Transvaal.—geological survey.
[Memoirs explanatory of the Maps.] 8⁰. *Pretoria*, 1907→

Transvaal.—geological survey.
Report on a Reconnaissance of the north-western Zoutpansberg district, by T. G. Trevor . . . and E. T. Mellor . . . With an Introduction by H. Kynaston. *pp. xi, 40: 14 pls., 1 map (col.), text illust.* 8⁰. *Pretoria*, 1908.

Pt. 1. Mineral Prospects, by T. G. Trevor.
,, 2. Geology, by E. T. Mellor.

Transvaal.—geological survey. [*Maps.*]
[Map of the Transvaal geologically coloured, in sheets. Scale 1 in. = $2\frac{2}{5}$ m. about.] No. 1→
s.sh. *Pretoria* [1907→].

TRANSVAAL. [*Maps.*]
Map of the Transvaal, or S.A. Republic and surrounding territories, by F. Jeppe. Scale 1 : 1,000,000, or 15·78 miles to the inch. 4 sh. *Pretoria, S.A.R.*, 1889.

Transvaal. [*Maps.*]
Geological Map of the eastern part of the Transvaal. Scale 1 in. = 16 m. about. *See* Alford (C. J.) Geological features of the Transvaal, South Africa.
s.sh. *col.* 1891.

Transvaal. [*Maps.*]
Geological Map of the districts of Klerksdorp, Potchefstroom, and Krugersdorp . . . By D. Draper. [Scale 1 in. = $3\frac{3}{4}$ m.] s.sh. *London*, 1896.

Transvaal. [*Maps.*]
Map of the Transvaal showing the physical features and political divisions, by F. H. Hatch . . . Scale 1 : 1,570,000 (1 in. = 24·78 m.) s.sh. *col. London*, 1897.

Transvaal. [*Maps.*]
A Geological Map of the southern Transvaal, by F. H. Hatch. [Scale 1 in. = $3\frac{3}{4}$ m.] s.sh. *col. London*, 1897.

—— New and revised edition, *&c.*
s.sh. *col. London*, 1903.

For Explanatory Note, *&c., See* Hatch (F. H.)

Transvaal. [*Maps.*]
Geological Sketch Map of the De Kap Gold Fields. Compiled by T. Kässner [*i.e.* Kassner]. [Scale 1 m. = $2\frac{1}{10}$ in. about.] 2 sh. *col. Barberton*, 1899.

Transvaal. [*Maps.*]
Geological Map of the west Witwatersrand Gold Fields. By T. Kassner, *&c.* [Scale 1 in. = $371\frac{1}{2}$ yards.]
4 sh. *col. Johannesburg*, 1903.

Transvaal. [*Maps.*]
Geological Map showing the relationship of the east, central and west Witwatersrand to the Potchefstroom, Klerksdorp and Venterskroon Goldfields, South Transvaal, compiled by T. Kassner, *&c.* [Scale 1 m. = $1\frac{1}{10}$ in.]
10 sh. *col. Johannesburg*, 1906.

Transvaal. [*Maps.*]
[For Geological Maps of the Transvaal] *See* supra, *Geological Survey.*

TRANSVAAL MUSEUM & ZOOLOGICAL GARDENS. *See* Pretoria.

TRAPANI (Gaetano) A Catalogue of the different kinds of Fish of Malta and Gozo, with their Maltese, Latin, Italian, English and French names, as well as their season. *pp. 25.* 4⁰. *Malta*, 1838.

TRAPHAGEN (Frank Weiss) [1861–] Index to the Literature of Columbium: 1801–1887. *pp. 27. See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. xxxiv [art. 3], no. 663. 8⁰. 1888.

TRAPL (Stanislav) Morfologická studie květu Ranunculaceí. [Morphological studies on the flowers of the Ranunculaceæ.] *pp. 30: text illust. See* Prague.—česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xix, čís. 53. 8⁰. 1910.

TRAPPEN (Johann Eberhard van der) J. E. van der Trappen . . . Responsio ad quæstionem botanico-œconomicam . . . "quæritur historia Solani tuberosi, L., hujusque plantæ descriptio botanica, culturæ modus et varius usus œconomicus," *&c. pp. 153. See* Utrecht.—rijks-universiteit. Annales, *&c.* 1834–5. 8⁰. 1836.

Trappen (J. E. van der) Specimen historico-medicum de Coffea, *&c. pp. [iv,] 152.* 8⁰. *Trajecti ad Rhenum*, 1843.

Trappen (J. E. van der) Flora Batava, *&c.* Deel ix & x. *See* Kops (J.) 8⁰. 1846, 49.

TRAQUAIR (Ramsay Heatley) [1840–1912] The Ganoid fishes of the British Carboniferous formations. Pt. i, no. 1–7. Palæoniscidæ. *See* Palæontographical Society. 4⁰. 1877–1914.

Traquair (R. H.) On the structure and affinities of the Platysomidæ. 4⁰. *Edinburgh*, 1879.

Trans. Roy. Soc. Edinburgh. Vol. xxix, *pp. 343–391: 4 pls.*

Traquair (R. H.) Report on fossil Fishes collected by the Geological Survey of Scotland in Eskdale and Liddesdale. Part I.—Ganoidei. 4⁰. *Edinburgh*, 1881.
Trans. Roy. Soc. Edinburgh. Vol. xxx, *pp. 15–71 : 6 pls.*

Traquair (R. H.) On the cranial osteology of *Rhizodopsis*. 4⁰. *Edinburgh*, 1881.
Trans. Roy. Soc. Edinburgh. Vol. xxx, *pp. 167–179 : text illust.*

Traquair (R. H.) Abstract of a course of twelve Lectures on the Geology and Palæontology of the Carboniferous system. *foll. 17.* fol. 1886.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) Abstract of a course of Lectures on Palæontology and the Doctrine of Descent. *foll. 44.* fol. 1887.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) List of the scientific writings of R. H. Traquair . . . 1862–94, *&c. pp. 10.* 8⁰. *Edinburgh*, 1894.

Traquair (R. H.) A Monograph of the Fishes of the Old Red Sandstone of Britain . . . Pt. II, no. 1–4. The Asterolepidæ. *See* PALÆONTOGRAPHICAL SOCIETY. POWRIE (J.) *& others.* 4⁰. 1894–1914.

Traquair (R. H.) The extinct Vertebrate Animals of the Moray Firth area. *See* HARVIE-BROWN (J. A.) & BUCKLEY (T. E.) A Vertebrate Fauna of the Moray Basin. Vol. II. 8⁰. 1895.

Traquair (R. H.) Abstract of a course of Lectures on the Geological History of the Vertebrata. *foll. 69.* fol. 1896.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) Abstract of a course of Lectures on the Geological History of Invertebrate Animals. *foll. 57.* fol. 1897.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) Abstract of a course of Lectures on the Palæontology of Great Britain. *foll. 57.* fol. 1898.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) Abstract of a course of Lectures on the Pleistocene Mammalia. *foll. 55.* 4⁰. 1899.
Autograph of the Swiney Lectures on Geology.

Traquair (R. H.) Abstract of a course of twelve Lectures on Extinct and Persistent Types, *&c. foll. 45.* 4⁰. 1900.
Autograph of the Swiney Lectures on Geology.

TRASK (JOHN BOARDMAN) [1824–1879] [For official publications as State Geologist] *See* CALIFORNIA, *State of.—Geological Survey.*

TRATTINICK (LEOPOLD) [1764–1849] Seltnere Beispiele aus dem Pflanzenreiche . . . Von L. Trattinick. *See* SCHMIDT (F. W.) Sammlung physikalisch-ökonomischer Aufsätze, *&c.* 8⁰. 1795.

Trattinick (L.) Genera Plantarum methodo naturali disposita. *pp. 88.* 8⁰. *Vindobonæ*, 1802.

Trattinick (L.) Fungi Austriaci, cum descriptionibus ac historia naturali completa.—Oesterreichs Schwämme, *&c. pp. 154 : 15 pls. col.* Pt. 1–5. 4⁰. *Wien, &c.*, [1804–] 1806.
Latin and German in parallel columns.
Wanting the remaining portion of the work (Pt. 6 & ?7, *i.e. pp. 155–202*, with plates xvi–xviii) that appeared in 1807, when publication was suspended.
Title from wrapper.

—— Editio nova, *&c. pp. vi, 210 : 20 pls. col.* 4⁰. *Wien*, 1830.
Latin and German in parallel columns.
The first 154 pages are identical with the corresponding portion of the original issue, and since the type of *pp. 155–202* differs from that used in the subsequent portion of the work, these pages are probably likewise a re-issue, as certainly are plates i–xviii.

Trattinick (L.) Botanisches Album, oder : Sammlung ausgewählter, naturgetreuer Abbildungen, der merkwürdigsten Pflanzen, Blumen, Fruchte, Bäume, Sträucher, u.s.w., nebst deren Benennung. Zusammengetragen aus L. Trattinnick's . . . botanischen Werken. *150 pls.* 4⁰. *Wien* [1813 ?].

Trattinick (L.) Thesaurus Botanicus, *&c. pp. 13 : 80 pls. col.* fol. *Viennæ*, [1805–] 1819.
Issued in twenty parts.

Trattinick (L.) Auswahl vorzüglich schöner, seltener, berühmter, und sonst sehr merkwürdiger Gartenpflanzen, in getreuen Abbildungen, nebst Erläuterungen über ihre Charakteristik, Verwandtschaft, *&c.* 2 Bd. *illust. col., 2 ports.* 4⁰. *Wien*, 1821.

Trattinick (L.) *See* BOTANISCHES TASCHENBUCH, oder Conservatorium aller Resultate, Ideen und Ansichten aus dem ganzen Umfange der Gewächskunde, von L. Trattinick. Jahrg. I.† 8⁰. 1821.

Trattinick (L.) Rosacearum monographia. 4 Vol. *illust. col.* 8⁰. *Vindobonæ*, 1823–24.

Trattinick (L.) Genera nova Plantarum iconibus observationibusque illustrata. 2 Fasc. *24 pls., with descriptive letterpress.* 4⁰. *Viennæ*, 1825.

Trattinick (L.) Neue Arten von Pelargonien Deutschen Ursprunges, als Beytrag zu R. Sweet's Geraniaceen, mit Abbildungen und Beschreibungen. Vol. I–VI, abth. 2. 8⁰. *Wien*, 1825–34.

Trattinick (L.) Die essbaren Schwämme des Oesterreichischen Kaiserstaates . . . Neue Ausgabe, *&c. pp. cxxiii, 189 : 30 pls. col.* 8⁰. *Wien*, 1830.

Trattinick (L.) Auswahl merkwürdiger Pilze. *16 pls. col., with descriptive letterpress.* fol. *Wien*, 1851.

TRATTINNICK (LEOPOLD) *See* TRATTINICK.

TRAUB (PAUL) [1839–] Note sur les Minéraux et Roches recueillis dans la partie nord de l'Abyssinie par M. P. Traub. Par M. F. de Tribolet. *pp. 5. See* NEUCHATEL.—SOCIÉTÉ DES SCIENCES NATURELLES. Bulletin, *&c.* Tom. X. 8⁰. 1875.

TRAUBE (HERMANN) [1860–1913] Die Minerale Schlesiens. *pp. viii, 285 : text illust.* 8⁰. *Breslau*, 1888.

TRAUCHBURG (KARL VON WALDBURG-ZEIL) *See* WALDBURG-ZEIL-TRAUCHBURG.

TRAUN (HEINRICH) Versuch einer Monographie des Kautschuks. Inaugural-Dissertation, *&c. pp. 69.* 8⁰. *Göttingen*, 1859.

TRAUSTEDT (MARGAR PETER ANDRESEN) [1853–1905] Spolia Atlantica. Bidrag til Kundskab om Salperne (Literaturfortegnelse). *See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. VI, bd. II, no. 8. 4⁰. 1885.

Traustedt (M. P. A.) Kara-Havets Søpunge (Ascidiæ Simplices). *See* LÜTKEN (C. F.) Dijmphna Togtets, *&c.* 8⁰. 1887.

Traustedt (M. P. A.) Ascidiæ Simplices. *See* DENMARK.—"*Hauchs*" *Expedition.* Det videnskabelige Udbytte af Kanonbaaden "Hauchs" Togter i de Danske Have indenfor Skagen i Aarene 1883–86. [Pt. V.] 4⁰. 1893.

Traustedt (M. P. A.) Die Thaliacea der Plankton-Expedition. A. Systematische Bearbeitung. *See* HENSEN (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung. Bd. II. E. a. A. 4⁰. 1893.

TRAUTFETTER (Ernst Rudolph von) *See* Trautvetter.

TRAUTMANN (Christophorus Gottlieb) De radicum in Plantis ortu et directione . . . respondente C. G. Trautmann, *&c.* *See* Bose (E. G.) 4⁰. [1754.]

TRAUTMANN (Fridericus Augustus Mauritius) [1798–] De radice Bryoniæ albæ ejusque in hemicrania anthritica usu. Dissertatio inauguralis medica, quam . . . præside . . . C. F. Schwægrichen . . . defendet auctor, *&c.* *pp. 40.* 4⁰. *Lipsiæ*, 1825.

TRAUTSCHOLD (Hermann von) [1817–1902] Nomenclator palæontologicus der Jurassischen Formation in Russland. *pp. 52 : 1 map col.* 8⁰. *Moskau*, 1863.
Bull. Soc. imp. Nats. Moscou. Tom. xxxv, 1862.

Trautschold (H. von) Zur Fauna des Russischen Jura. *pp. 24 : 4 pls.* 8⁰. *Moskau*, 1866.
Bull. Soc. imp. Nats. Moscou. Tom. xxxix.

Trautschold (H. von) Der Klin'sche Sandstein. 4⁰. [*Moscow*, 1871.]
Nouv. Mém. Soc. imp. Nats. Moscou. Tom. xiii, *pp. 191–236 : 5 pls.*

Trautschold (H. von) Die Kalkbrüche von Mjatschkowa. Eine Monographie des oberen Bergkalks. 3 Pt. *illust.* 4⁰. *Moscau*, 1874–79.
Nouv. Mém. Soc. imp. Nats. Moscou. Sér. II, tom. xiii & xiv.

Trautschold (H. von) Osnobui Gheologhiī . . . Chast vtoraya. Paleontologhiya. [Elements of Geology. Part ii. Palæontology.] *pp. vi, 244 [14] : text illust.* 8⁰. *Moskva*, 1875.

Trautschold (H. von) Ergänzung zur Fauna des Russischen Jura. *pp. 35 : 6 pls.* 8⁰. *St. Petersburg*, 1876.
Verhandl. k. Mineral. Gesell. St. Petersburg. Ser. II, bd. xii, 1877.

Trautschold (H. von) Zamyetka po porodu stat'ī Prof. Trautshol'da [Observations by Ī. Th. Sintzov on the source of an article by Prof. Trautschold] "Ueber Kreidefossilien Russlands." *pp. 7.* *See* Odessa. — Novorossiĭskoe obshchestvo estestvoĭspuitateleĭ. Zapīskī, *&c.* Tom. v. [Pt. 1.] 8⁰. 1877.

Trautschold (H. von) Ueber den muthmasslichen Geschlechtsapparat von *Poteriocrinus multiplex*, Trd. Festschrift, *&c.* *pp. 18 : 1 pl.* 4⁰. *Moscau*, 1882.
Nouv. Mém. Soc. imp. Nats. Moscou. Sér. II, tom. xiv.

TRAUTSHOL'D (Ghermann Adol'fovīch) *See* Trautschold (Hermann von).

TRAUTVETTER (Ernst Rudolph von) [1809–1889] De Echinope genere capita ii : Dissertatio botanica, *&c.* *pp. 32 : 1 pl.* 4⁰. *Mitaviæ*, 1833.

Trautvetter (E. R. von) Grundriss einer Geschichte der Botanik in Bezug auf Russland. *pp. v, 145.* 8⁰. *St. Petersburg*, 1837.

Trautvetter (E. R. von) Ueber den Krzemieniecer Botanischen Garten. *pp. 14.* 8⁰. [*Moscow*, 1844.]
Bull. Soc. imp. Nats. Moscou. Tom. xvii.

Trautvetter (E. R. von) Plantarum imagines et descriptiones Floram Russicam illustrantes. *pp. 65 : 40 pls.* 4⁰. *Monachii*, 1844–46.

Trautvetter (E. R. von) Die pflanzengeographischen Verhältnisse des Europäischen Russlands. 3 Hft. 8⁰. *Riga*, 1849–51.

Trautvetter (E. R. von) O Rastītel'no-gheoghrafīcheskīkh okrughakh Evropeĭsk Rossiī. [On the Botanical-geography of European Russia.] *pp. 20 : 1 map.* 4⁰. *Kiev*, 1851.
Trudui Kommīsiī Vuisochaĭshe uchrezhdennoĭ prī imperatorskom Unīversītet Sv. Vladimira.

Trautvetter (E. R. von) Phänogame Pflanzen aus dem Hochnorden. *See* Middendorff (A. T. von) Reise in den äussersten Norden und Osten Sibiriens, *&c.* Bd. i, thl. 2. 4⁰. 1856.

Trautvetter (E. R. von) Catalogue of Plants collected in . . . 1864–65 by Herr Radde, and arranged by . . . V. Trautvetter. *See* Freshfield (D. W.) Travels in the Central Caucasus, *&c.* Appendix iii. 8⁰. 1869.

Trautvetter (E. R. von) [For official publications] *See* St. Petersburg. — Īmperatorskiĭ sanktpeterburghskiĭ botanīcheskiĭ sad.

Trautvetter (E. R. von) & **Meyer** (C. A.) Florula Ochotensis Phænogama. *See* Middendorff (A. T. von) Reise in den äussersten Norden und Osten Sibiriens, *&c.* Bd. i, thl. 2. 4⁰. 1856.

Trautvetter (E. R. von) & **others.** Decas Plantarum novarum auctoribus E. R. a Trautvetter, E. L. Regel, C. J. Maximowicz, K. J. Winkler. *pp. 10 : 1 pl. col.* 4⁰. *Petropoli*, 1882.

TRAUTWEIN (Johannes Carolus) [1858–] Ueber Anatomie einjähriger Zweige und Blütenstandsachsen. Inaugural-Dissertation, *&c.* *pp. 40.* 8⁰. *Halle*, 1885.

TRAVAILLEUR, *French Steamer.* Notes on the French exploration of 'Le Travailleur' in the Bay of Biscay. *See* Norman (A. M.) 8⁰. 1880.

Travailleur, *French Steamer.* Les explorations . . . du Travailleur, *&c.* *See* Filhol (H.) La Vie au fond des Mers, *&c.* 8⁰. [1885.]

Travailleur, *French Steamer.* Expéditions scientifiques du Travailleur et du Talisman pendant . . . 1880–83, *&c.* *See* France. [*Voyages, &c.— Travailleur & Talisman.*] 4⁰. 1888→

TRAVANCORE, *State of.* Selections from the Records of Travancore, *&c.* No. i & ii. 8⁰. *Travancore*, 1860.

TRAVELLA (Stefano) Il Regno Vegetale elementarmente exposto. *pp. 207 : text illust.* 8⁰. *Milano*, 1859.

—— Seconda edizione, *&c.* *pp. xii, 551 : text illust.* 8⁰. *Milano*, 1869.

TRAVERS (William Thomas Locke) [1819–1903] Remarks on a comparison of the general features of the Flora of the provinces of Nelson and Marlborough, with that of Canterbury, *&c.* *See* New Zealand Institute. Transactions, *&c.* Vol. i, pt. 3. 8⁰. 1869.

TRAVERSO (Giambattista) *See* Traverso (Giovanni Battista).

TRAVERSO (Giovanni Battista) Sarrabus e suoi Minerali. Note descrittive, *&c.* *pp. 73.* 8⁰. *Alba*, 1898.

Traverso (G. B.) La Nomenclatura degli organi nella descrizione dei Pirenomiceti e Deuteromiceti. Breve introduzione allo studio sistematico di questi Funghi. *pp. 24 : text illust.* 8⁰. *Firenze*, 1905.

Traverso (G. B.) Le Miniere d'Argento in Sardegna. *pp. 118.* 8⁰. *Alba*, 1909.

Traverso (G. B.) Sylloge . . . Index Iconum Fungorum . . . Congessit J. B. Traverso. A — L. *See* Saccardo (P. A.) Sylloge Fungorum, *&c.* Vol. xix. 8⁰. 1910.

TRAVERSO (Stefano) Note sulla Geologia e sui giacimenti Argentiferi del Sarrabus (Sardegna). *pp. 57 : 17 pls., 1 map col.* 4⁰. *Torino*, 1890.
The map is entitled : — "Carta Geologico-Mineraria del Sarrabus-Sardegna alla scala di 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about]."

Traverso (S.) Calcare fossilifero nel Gerrei (Sardegna), *&c.* *pp. 21 : 3 pls., 1 map.* 4⁰. *Torino*, 1891.

Traverso (S.) Note sulla Tettonica del Siluriano in Sardegna. *pp. 35.* 8⁰. *Genova*, 1892.
Atti Soc. Ligustica. Vol. III.

Traverso (S.) Quartziti e Scisti metamorfici del Sarrabus (Sardegna). Studio petrografico. *pp. 33.* 8⁰. *Genova*, 1893.

Traverso (S.) Geologia dell' Ossola. *pp. [v,] 275 : 11 pls., 1 map geol. col.* 8⁰. *Genova*, 1895.

Traverso (S.) Compendio di Geologia . . . col concorso . . . S. Traverso. 2 Pt. *See* ISSEL (A.) 8⁰. 1896–97.

TREADWELL (FREDERICK PEARSON) [1857–] Analytical Chemistry . . . Authorized translation by W. T. Hall . . . Vol. I. Qualitative Analysis. Second English from the Fourth German edition. *pp. xi, 469 : 1 pl. col., text illust.* 8⁰. *New York & London*, 1907.

—— Translated . . . from the Second German edition by W. T. Hall . . . Vol. II. Quantitative Analysis. First edition. *pp. xii, 654 : text illust.* 8⁰. *New York & London*, 1907.

TREBECK (GEORGE) [–1825] & **Moorcroft** (W.) Travels in the Himalayan provinces of Hindustan, *&c.* *See* MOORCROFT (W.) & TREBECK (G.) 8⁰. 1841.

TREBRA (FRIEDRICH WILHELM HEINRICH VON) [1740–1819] Erfahrungen vom Innern der Gebirge, nach Beobachtungen gesammlet. *pp. x, 244 : 8 pls. col.* fol. *Dessau & Leipzig*, 1785.
With autograph letter by the author.

Trebra (F. W. H. VON) Observations de M. De Trébra, sur l'intérieur des Montagnes, précédées d'un plan d'une histoire générale de la Minéralogie, par M. De Veltheim ; avec un discours préliminaire et des notes de M. le Baron de Dietrich. *pp. lxiii, vi, 308 [2], 6 tabs. : 6 pls. (col.), 3 maps, col. engr. on sub-titles.* fol. *Paris, &c.*, 1787.

Trebra (F. W. H. VON) *See* MINERALIENÇABINETT gesammlet und beschrieben von dem Verfasser der Erfahrungen vom Innern der Gebirge [F. W. H. von Trebra]. 8⁰. 1795.

TRECCO (GIOVANNI BATTISTA) Coltivazione e governo del Lino Marzuolo, *&c.* *pp. viii, 80 : 12 pls.* 4⁰. *Vicenza*, 1792.

TRÉCUL (AUGUSTE) Dictionnaire universel d'Histoire Naturelle, par . . . MM. Arago . . . Trécul . . . etc. Nouvelle édition, *&c.* 17 Vol. *illust. (col.)* *See* ORBIGNY (A. C. V. D. D'). 8⁰. [1867 ?]

TREES. Trees : their nature, and natural longevity and size. [By A. Harvey.] 4⁰. *Aberdeen*, 1847.
Reprinted from the "Family Journal."

TREGEAR (EDWARD) A Dictionary of Mangareva (or Gambier Islands). *pp. [viii,] 121.* 8⁰. *Wellington, N.Z.*, 1899.

TREHERNE (H. S.) An ancient outlet of Lake Manitoba. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 9, Appendix C. 8⁰. 1881.

TRÉHOUART (FRANÇOIS THOMAS) [1798–1873] Voyage en Islande et au Groënland, exécuté . . . sur . . . la Recherche, commandée par M. Tréhouart, *&c.* *See* FRANCE.—*Commission Scientifique d'Islande, &c.* 8⁰. & fol. 1838–52.

TREISE (FRIDERICUS AUGUSTUS) [1695–] Dissertatio inauguralis medica de Sambuco . . . sub præsidio G. W. Wedelii . . . exposita ab auctore, *&c.* *pp. 40.* 4⁰. *Jenæ* [1720].

TREITSCHKE (FRIEDRICH) [1776–1842] Die Schmetterlinge von Europa. (Fortsetzung . . . von F. Treitschke.) Bd. V–X. *See* OCHSENHEIMER (F.) 8⁰. 1825–35.

Treitschke (F.) Ochsenheimer and Treitschke. A short abstract of the characters of their genera of the Lepidoptera of Europe, *&c.* *See* CHILDREN (J. G.) 8⁰. 1829 (–30).

TREITZ (PÉTER) [1866–] Magyar-Óvár környékének talajtérképe. *pp. 39 : 3 maps col., text illust.*—Bodenkarte der Umgebung von Magyar-Óvár (Ung.-Altenburg). *pp. 40 : 3 maps col., text illust.* *See* AUSTRIA-HUNGARY. — MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. XI, füz. 7. 8⁰. 1896 (1898).

Treitz (P.) Der Grund des Balatonsees, seine mechanische und chemische Zusammensetzung. *pp. 21, 11 tabs.* *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1 [Anhang]. Geologischer, petrographischer, mineralogischer und mineralchemischer Anhang. 4⁰. 1911.

TREJDOSIEWICZ (JANA) O formacyach przechodowych gór Kieleckich w królestwie Polskiém, *&c.* [On the transition formations of the Kieltse Mts. in the kingdom of Poland.] *pp. 35, 1 tab.* *See* PARIS.—TOWARZYSTWO NAUK ŚCISŁYCH. Pamiętnik, *&c.* Tom. VII, art. 6. 4⁰. 1875.

Trejdosiewicz (J.) Mapa Geologiczna gubernii Lubelskiej [Poland], *&c.*—Carte Géologique du gouvernement de Lublin . . . Échelle . . . 1 : 126,000 [*i.e.* 1 in. = $1\frac{9}{10}$ m.] *See* PAMIĘTNIK FIZYOGRAFICZNY, *&c.* Tom. XIII. 1895.

TRELEASE (WILLIAM) [1857–] Botanical Micro-Chemistry . . . Translated . . . and . . . enlarged by W. Trelease. *See* POULSEN (V. A.) 8⁰. 1884.

Trelease (W.) The Grape Rot. 8⁰. [*West Salem, Wis.*,] 1885.
Trans. Wisconsin State Horticult. Soc. Vol. XV, *pp. 191–199 : text illust.*

Trelease (W.) The Spot Disease of Strawberry Leaves (*Ramularia Tulasnei*, Sacc.). 8⁰. [*Madison ?*] 1885.
Ann. Rept. Wisconsin Agric. Exper. Station. No. 2, *pp. 47 66.*

Trelease (W.) A yellow Opium Mold (*Eurotium aspergillus-glaucus*, Lk.). 8⁰. [*Madison ?*] 1886.
Contrib. Dept. Pharmacy Univ. Wisconsin. Vol. II, *pp. 5–9.*

Trelease (W.) A few common Apple Fungi. 8⁰. [*St. Paul ?*] 1886.
Minnesota Hort. Report. Vol. XIV, *pp. 52–55.*

Trelease (W.) The Botanical Works of the late G. Engelmann . . . Edited by W. Trelease, *&c.* *See* ENGELMANN (G.) 4⁰. 1887.

Trelease (W.) Description of *Lycoperdon Missouriense.* *See* ST. LOUIS.—WASHINGTON UNIVERSITY.—*Henry Shaw School of Botany.* Contributions, *&c.* No. 3. 8⁰. 1888.

Trelease (W.) A study of North American Geraniaceæ. 4⁰. [*Boston, Mass.*,] 1888.
Mem. Boston Soc. Nat. Hist. Vol. IV, *pp. 71–103 : 4 pls.*

Trelease (W.) Synoptical list of North American species of *Ceanothus.* *See* ST. LOUIS.—WASHINGTON UNIVERSITY.—*Henry Shaw School of Botany.* Contributions, *&c.* No. 4. 8⁰. 1888.

Trelease (W.)
Revision of North American Ilicineæ and Celastraceæ. — North American Rhamnaceæ.
See St. Louis. — washington university. — *Henry Shaw School of Botany.* Contributions, *&c.* No. 5 & 6. 8⁰. 1889.

Trelease (W.) The species of *Epilobium* occurring north of Mexico. 8⁰. [*St. Louis, Mo.*,] 1891.
Ann. Rept. Missouri Bot. Garden. No. 2, *pp. 69-117 : 48 pls.*

Trelease (W.) The species of *Rumex* occurring north of Mexico. 8⁰. [*St. Louis, Mo.*,] 1892.
Ann. Rept. Missouri Bot. Garden. No. 3, *pp. 74-98 : 21 pls.*

Trelease (W.) Botanical Observations on the Azores. 8⁰. [*St. Louis, Mo.*,] 1897.
Ann. Rept. Missouri Bot. Garden. No. 8, *pp. 77-220 : 56 pls.*

Trelease (W.) Medical Botany, *&c.* *pp. 12.* 8⁰. *Chicago*, 1897.
Reprinted from the "Journ. Amer. Medical Assoc." 1897.

Trelease (W.) The Yucceæ. 8⁰. [*St. Louis, Mo.*, 1902.]
Ann. Rept. Missouri Bot. Garden. No. 13, *pp. 27-133 : 10 pls.*

Trelease (W.) [Introduction to] Cryptogamic Botany of Alaska.—Alaskan species of *Sphagnum.*—The Ferns and Fern allies of Alaska (Pteridophytes). *See* Washington Academy of Sciences. Harriman Alaska Expedition, *&c.* Vol. v. 8⁰. 1904.

Trelease (W.) *Agave* in the West Indies. *pp. 298 [2] : 119 pls., 3 maps, text illust.* *See* National Academy of Sciences. Memoirs, *&c.* Vol. xi. 4⁰. 1913.
The plates and their explanations are printed back to back and included in the numeration of the pages.

Trelease (W.) [For official reports as Director] *See* St. Louis, *Missouri.—Missouri Botanical Garden.*

Trelease (W.) & **Eliot** (W. G.) Observations on *Oxalis.* *See* St. Louis. — washington university. — *Henry Shaw School of Botany.* Contributions, *&c.* No. 2. 8⁰. 1888.

Trelease (W.) & **Farlow** (W. G.) A List of Works on N. American Fungi, *&c.* *pp. 36.* *See* Cambridge, *Mass.*—harvard university.—*Library.* Bibliographical Contributions, *&c.* No. 25. 8⁰. 1887.

Trelease (W.) & **others.** The Fungi of Alaska. *See* Washington Academy of Sciences. Harriman Alaska Expedition, *&c.* Vol. v. 8⁰. 1904.

TRÉMAREC (Yves Joseph de Kerguélen)
See Kerguélen-Trémarec.

TREMBLEY (Abraham) [1710-1784] Mémoires pour servir à l'histoire d'un genre de Polypes d'eau douce, à bras en forme de cornes. *pp. xv, 324 : 13 pls.* 4⁰. *Leide*, 1744.

Trembley (A.) Micrographia Illustrata . . . To which is added . . . a very particular account of . . . the Fresh Water Polype, translated from the French treatise of Mr. Trembley, *&c.* *See* Adams (G.) 4⁰. 1746.

Trembley (A.) Des Herrn Trembley Abhandlungen zur Geschichte einer Polypenart . . . aus dem Französischen übersetzt und mit einigen Zusätzen herausgegeben von J. A. E. Goeze. *pp. xxxi, 572 [16] : 14 pls.* 8⁰. *Quedlinburg*, 1775.

TRÉMEAU DE ROCHEBRUNE (Alphonse)
See Rochebrune.

TREMERY (Jean Louis) [1773-1851] Journal des Mines . . . par . . . [J. L.] Tremery. Tom. xi-xxxviii.
See Annales des Mines. 8⁰. 1801-15.

TRENCSÉN VÁRMEGYEI TERMÉSZETTUDOMÁNYI EGYLET. *See* Trentschin.

TRENDELENBURG (Philippus A.) Observationes circa præparationem extractorum officinalium, quas . . . offert P. A. Trendelenburg, *&c.* *See* Retzius (A. J.) 4⁰. [1810.]

TRENDELL (Arthur James Richens) Her Majesty's Colonies . . . Second edition. *See* London.—*Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

TRENKMANN (Robertus) [1838-] De crystallis calcii oxalici in Plantis. Dissertatio inauguralis, *&c.* *pp. 32.* 8⁰. *Berolini*, 1864.

TRENKNER (W.) Paläontologische Novitäten vom nordwestlichen Harze, *&c.* 2 Abth.† *illust.* 4⁰. *Halle*, 1867-68.
Abhandl. Naturforsch. Gesell. Halle. Bd. x.

TRENT, *H.M.S.* A Voyage of discovery towards the North Pole, performed in H.M.S. . . . Trent . . . 1818, *&c.* *See* Beechey (F. W.) 8⁰. 1843.

TRENTEPOHL (Johann Friedrich) [1748-1806] Trentepohls Oldenburgische Flora . . . bearbeitet K. Hagena. *pp. xxviii, 298.* 8⁰. *Oldenburg*, 1839.

TRENTON.—New Jersey State Museum.
[Founded 1895.]
Annual Report, *&c.* 1909. 8⁰. *Trenton, N.J.*, 1910.

TRENTON NATURAL HISTORY SOCIETY.
See New Jersey Natural History Society.

TRENTSCHIN. — Naturwissenschaftlicher Verein des Trencsiner Comitates.
See infra, Trencsén Vármegyei Természettudományi Egylet.

TRENTSCHIN.—Trencsén Vármegyei Természettudományi Egylet. (*Naturwissenschaftlicher Verein des Trencsiner Comitates.*) [Founded 1878.]
Évkönyve (Jahresheft), *&c.* Évf. iv→ 8⁰. *Trencsén*, 1882→

Trentschin.—Trencsén Vármegyei Természettudományi Egylet.
Emléklapok a Magyar Orvosok és Természetvizsgálók 1897 évi augusztus hó 22-25 napjain Trencsénben tartott xxix vándorgyülése alkalmából kiadta a Trencsénvármegyei Természettudományi Egyesület. Irta . . . Pechány A. (Gedenkblätter den Mitgliedern, der in Trencsin vom 22-25 August 1897 tagenden xxix Wanderversammlung Ungarischer Aerzte und Naturforscher gewidmet vom Naturwissenschaftlichen Vereine des Trencsiner Comitates.) 4⁰. *Trencsén* [1897].

TRESCA (Henri Édouard) [1814-1885] Mémoire sur le rabotage des Métaux. *pp. 190 : 2 pls., text illust.* *See* Paris.—académie des sciences. Mémoires présentés par divers Savants . . . Sciences mathématiques et physiques. Tom. xxvii, no. 1. 4⁰. 1883.

TRETZELIUS (Andreas Gottofredus) Dissertatio medica inauguralis de . . . usu Corticis Peruviani in medicina . . . quam . . . exponet A. G. Tretzelius, *&c.* *pp. [iv,] 32.* 4⁰. *Altdorfii Noricorum* [1761].

TREUB (Melchior) [1853-1910]
Quelques Recherches sur le rôle du Noyau dans la division des cellules végétales, *&c.* *pp. 35 : 4 pls. col.*
Notes sur l'embryogénie de quelques Orchidées, *&c.* *pp. 50 : 8 pls.*
See Amsterdam.—koninklijke akademie van wetenschappen. Verhandelingen, *&c.* Deel xix. 4⁰. 1879.

Treub (M.) Annales du Jardin Botanique de Buitenzorg, publiées par . . . M. Treub. Vol. II–XXIII. *See* BUITENZORG. 4⁰. 1881–1910.

Treub (M.) Catalogus der Bibliotheek van 's Lands Plantentuin [compiled by M. Treub], *&c.* *See* BUITENZORG. 8⁰. 1887.

TREUINFELS (LEO M.) [1848–] Die Cirsien Tirols. *pp. 118 : 1 pl.* 8⁰. *Innsbruck*, 1875.
Zeitschr. Ferdinandeum Innsbruck. Bd. XIX.

TREUPEL (G.) Ueber das Malaria- (Sumpf-) Fieber und seine Bekämpfung. *pp. 13.* *See* FREIBURG-IN-BREISGAU. — NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. XI, hft. 3. 8⁰. 1901.

TREVELYAN (*Sir* WALTER CALVERLEY) [1797–1879] On the vegetation and temperature of the Faroe Islands, *&c.* *pp. 16.* 4⁰. *Florence*, 1837.
Reprinted on large paper, with corrections, from the "Edinburgh New Phil. Journ.," Jan. 1835.

TREVIRANUS (GOTTFRIED REINHOLD) [1776–1837] Biologie, oder Philosophie der lebenden Natur für Naturforscher und Aerzte. 6 Bd. 8⁰. *Göttingen*, 1802–22.

Treviranus (G. R.) Ueber den innern Bau der Arachniden, *&c.* Hft. 1. *pp. [vi,] 48 : 5 pls.* 4⁰. *Nürnberg*, 1812.

Treviranus (G. R.) *See* ZEITSCHRIFT FUER PHYSIOLOGIE . . . herausgegeben von . . . G. R. Treviranus, *&c.* Bd. I–V. 4⁰. 1824–35.

Treviranus (G. R.) Beiträge zur Anatomie und Physiologie der Sinneswerkzeuge des Menschen und der Thiere . . . Erstes Heft. Beiträge zur Lehre von den Gesichtswerkzeugen und dem Sehen des Menschen und der Thiere. *pp. 91 : 4 pls.* fol. *Bremen*, 1828.

Treviranus (G. R.) Beobachtungen aus der Zootomie und Physiologie von G. R. Treviranus. Nach dessen Tode herausgegeben von L. C. Treviranus. Hft. 1. *pp. iv [i,] 128 : 19 pls.* 4⁰. *Bremen*, 1839.

Treviranus (G. R.) & (L. C.) Vermischte Schriften anatomischen und physiologischen Inhalts. 4 Bd. *illust.* 4⁰. *Göttingen & Bremen*, 1816-21.

TREVIRANUS (LUDOLPH CHRISTIAN) [1779–1864] Untersuchungen über wichtige Gegenstände der Naturwissenschaft und Medicin. Thl. I.† *pp. vi, 319.* 8⁰. *Göttingen*, 1803.

Treviranus (L. C.) Vom inwendigen Bau der Gewächse und von der Saftbewegung in denselben, *&c.* *pp. xx, 208 : 2 pls.* 8⁰. *Göttingen*, 1806.

Treviranus (L. C.) Beyträge zur Pflanzenphysiologie. *pp. x, 260 : 5 pls.* 8⁰. *Göttingen*, 1811.

Treviranus (L. C.) Von der Entwicklung des Embryo und seiner Umhüllungen im Pflanzen-Ey. *pp. [vi,] vi, 102 : 6 pls.* 4⁰. *Berlin*, 1815.

Treviranus (L. C.) De Delphinio et Aquilegia observationes, *&c.* *pp. 28 : 2 pls.* 4⁰. *Vratislaviæ*, 1817.

Treviranus (L. C.) Alii species quotquot in Horto Botanico Wratislaviensi coluntur recensuit, rariores observationibus illustravit, novas quasdam descripsit, *&c.* *pp. 18.* 4⁰. *Wratislaviæ*, 1822.

Treviranus (L. C.) Die Lehre vom Geschlechte der Pflanzen in Bezug auf die neuesten Angriffe erwogen. (Nachschrift.) *pp. 146 [2].* 8⁰. *Bremen*, 1822.

Treviranus (L. C.) Ueber gewisse in Westpreussen und Schlesien angeblich mit einem Gewitterregen gefallene Saamenkörner. *pp. 31.* 8⁰. *Breslau*, 1823.

Treviranus (L. C.) *See* ZEITSCHRIFT FUER PHYSIOLOGIE . . . herausgegeben von . . . L. C. Treviranus, *&c.* Bd. I–V. 4⁰. 1824–35.

Treviranus (L. C.) De Ovo Vegetabili ejusque mutationibus observationes recentiores. *pp. 19.* 4⁰. *Wratislaviæ*, 1828.

Treviranus (L. C.) C. Clusii . . . et C. Gesneri . . . Epistolæ ineditæ. Ex archetypis edidit . . . L. C. Treviranus. *See* LÉCLUSE (C. DE). 8⁰. 1830.

Treviranus (L. C.) Symbolarum Phytologicarum, quibus res herbaria illustratur, fasciculus I. *pp. viii, 92 : 3 pls.* 4⁰. *Gottingæ*, 1831.

Treviranus (L. C.) Physiologie der Gewächse. 2 Bd. *illust.* 8⁰. *Bonn*, 1835–38.

Treviranus (L. C.) Beobachtungen aus der Zootomie und Physiologie von G. R. Treviranus. Nach dessen Tode herausgegeben von L. C. Treviranus. Hft. 1. *See* TREVIRANUS (G. R.) 4⁰. 1839.

Treviranus (L. C.) Comparatio Floræ Wratislaviensis et Bonnensis. *See* SCHMITZ (J. J.) & REGEL (E. A. VON) Flora Bonnensis, *&c.* 8⁰. 1841.

Treviranus (L. C.) Bemerkungen über die Führung von botanischen Gärten, welche zum öffentlichen Unterrichte bestimmt sind. *pp. 39.* 8⁰. *Bonn*, 1848.

Treviranus (L. C.) Die Botanischen Gärten . . . Ein Commentar zu den Bemerkungen . . . von L. C. Treviranus, *&c.* *See* JUEHLKE (F.) 8⁰. 1849.

Treviranus (L. C.) De compositione fructus in Cactearum atque Cucurbitacearum ordinibus. *pp. 18.* 8⁰. *Bonnæ*, 1851.

Treviranus (L. C.) [Russian species of *Carex.*] *See* LEDEBOUR (C. F. VON) Flora Rossica, *&c.* Vol. IV. 8⁰. 1853.

Treviranus (L. C.) Die Anwendung des Holzschnittes zur bildlichen Darstellung von Pflanzen nach Entstehung, Blüthe, Verfau und Restauration. *pp. vi, 72.* 8⁰. *Leipzig*, 1855.

Treviranus (L. C.) In Hyperici genus ejusque species animadversiones. *pp. iv, 15.* 4⁰. *Bonnæ*, 1861.

Treviranus (L. C.) & (G. R.) Vermischte Schriften anatomischen und physiologischen Inhalts. 4 Bd. *illust.* *See* TREVIRANUS (G. R.) & (L. C.) 4⁰. 1816–21.

TREVISAN DI SAN LEON (VITTORE BENEDÉTTO ANTONIO) *Count* [1818–1897] Enumeratio stirpium Cryptogamicarum hucusque in provincia Patavina observatarum, *&c.* *pp. 39.* 8⁰. *Patavii*, 1840.

Trevisan di San Leon (V. B. A.) *Count.* Prospetto della Flora Euganea. *pp. 67.* 8⁰. *Padova*, 1842.

Trevisan di San Leon (V. B. A.) *Count.* Le Alghe del Tenere Udinese denominate e descritte. *pp. 24.* 8⁰. *Padova*, 1844.

Trevisan di San Leon (V. B. A.) *Count.* Nomenclator Algarum, ou collection des noms imposés aux Plantes de la famille des Algues . . . Tom. I. *pp. 80.* 8⁰. *Padoue*, 1845.

Trevisan di San Leon (V. B. A.) *Count.* Saggio di una monografia delle Alghe Coccotalle. *pp. 112.* 8⁰. *Padova*, 1848.

Trevisan di San Leon (V. B. A.) *Count.* Conspectus Verrucarinarum. Prospetto dei generi e delle specie dei Licheni Verrucarini. *pp. 20.* 4⁰. *Bassano*, 1860.

Trevisan di San Leon (V. B. A.) *Count.* Schema di una nuova classificazione delle Epatiche, *&c. pp. 69. See* MILAN.—REALE ISTITUTO LOMBARDO DI SCIENZE, *&c.* Memorie, *&c.* Vol. XIII, fasc. 3. 4⁰. 1877.

Trevisan di San Leon (V. B. A.) *Count* & **De Toni** (G. B.) Schizomycetaceæ. *See* SACCARDO (P. A.) Sylloge Fungorum. Vol. VIII. 8⁰. 1889.

TREVOR (TUDOR G.) [Mineral Prospects of the north-western Zoutpansberg district.] *See* TRANSVAAL. —*Geological Survey.—Mines Department.* Report on a Reconnaissance of the north-western Zoutpansberg district, *&c.* 8⁰. 1908.

TREVOR-BATTYE (AUBYN BERNARD ROCHFORT) [1855–] Our Birds of Prey. (The Owls — Hawks, Buzzards, Kites and Harriers — Eagles, Falcons and Osprey.) — Bird Nesting. III. Tree Nesting Birds. *See* CRAWFURD (O. J. F.) A Year of Sport and Natural History, *&c.* 4⁰. 1895.

Trevor-Battye (A. B. R.) Ice-bound on Kolguev: a chapter in the exploration of Arctic Europe, to which is added a record of the natural history of the island . . . with . . . illustrations by J. T. Nettleship, C. Whymper and the author, *&c. pp. xxviii, 458 : 26 pls., 3 maps col., text illust.* 8⁰. *Westminster*, 1895.

Trevor-Battye (A. B. R.) The first crossing of Spitsbergen . . . With contributions by . . . A. Trevor-Battye, *&c. See* CONWAY (*Sir* W. M.) 8⁰. 1897.

TREW (CHRISTOPH JACOB) [1695–1769] D. C. J. Trew . . . Beschreibung der grossen Americanischen Aloe . . . Wobey das tägliche Wachsthum des Stengels der in 1726 Jahr zu Nürnberg verblüheten Aloe in Tabellen . . . erläutert, und die natürliche Beschaffenheit des reiffen Saamens vorgestellet wird. *pp. 36 : 1 pl.* obl. 4⁰. *Nürnberg*, 1727.

Trew (C. J.) Plantæ selectæ, quarum imagines ad exemplaria naturalia Londini in hortis curiosorum nutrita manu artificosa doctaque pinxit G. D. Ehret . . . occasione haud vulgari collegit nominibus propriis notisque subinde illustravit . . . C. J. Trew (& B. C. Vogel) in æs incidit et vivis coloribus repræsentavit J. J. Haid (& J. E. Haid). 10 Dec. [in 1 Vol.] *pp.* [*iv*,] *56 : 100 pls. col., 3 port.* fol. *Norimbergæ*, 1750–73.

Trew (C. J.) C. Gesneri . . . Opera Botanica . . . omnia ex bibliotheca D. C. J. Trew, *&c.* 2 Pt. *illust. col. See* GESNER (C.) fol. 1751–71.

Trew (C. J.) D. C. I. Trew. Cedrorum Libani historia earumque character botanicus cum illo Laricis, Abietis Pinique comparatus. Accedit brevis disquisitio an hæc arbor sit illa ipsa in sacro codice præ omnibus celebrata et vel Aeres vel Berosch dicta itemque an Græcis botanicis fuerit cognita. *pp. 28 : 2 pls.* 4⁰. *Norimbergæ*, 1757.

D. C. I. Trew Apologia et Mantissa Observationis de Cedro Libani [published in the "Nova Acta . . . Acad. Cæs. Leop.-Carol." Tom. I, 1757, obs. CI] et Cedrorum Libani Historiæ, seu Historiæ pars altera. *pp. 50 : 5 pls.* 4⁰. *Norimbergæ*, 1767.

Trew (C. J.) Herbarium Blackwellianum . . . cum præfatione . . . C. J. Trew, *&c.* 5 Vol. *illust. See* BLACKWELL (E.) fol. 1757–65.

Trew (C. J.) Plantæ Rariores quas maximam partem ipse in horto domestico colvit secundum notas suas examinavit et . . . explicavit . . . C. J. Trew. Edente J. C. Keller (Posteriorum curam et illustrationem suscepit D. B. C. Vogel . . . auxiliante arte sua . . . A. L. Wirsing). 3 Dec. [in 1 Vol.] *illust. col.* fol. *Norimbergæ*, 1763–84.

Trew (C. J.) Hortus nitidissimis omnem per annum superbiens Floribus, sive amœnissimorum Florum imagines quas . . . collegit . . . C. J. Trew . . . ipso vero annvente in æs incisas vivisque coloribus pictas in publicum edidit J. M. Seligmann (A. L. Wirsing).—Der das ganze Jahr hindurch in schönsten Flor stehende Blumengarten, oder Abbildungen der lieblichsten Blumen, *&c.* 3 Vol. [in 2] *illust col.* fol. *Norimbergæ*, 1768–86.

Latin and German in parallel columns.

Trew (C. J.) [Manuscript Life of Ehret.] *See* EHRET (G. D.) [Descriptions of various Plants, *&c.*] fol.

TRIANA (JÉRÓNIMO) [1826–1890] Exposition Universelle de 1867. Nouvelle-Grenade, ou États-Unis de Colombie. Catalogue de l'Exposition de J. Triana. *pp. 20.* 8⁰. *Paris*, 1867.

Triana (J.) Nouvelles Études sur les Quinquinas d'après les matériaux présentés en 1867 à l'Exposition Universelle de Paris, et accompagnées de facsimile des dessins de la Quinologie de Mutis. Suivies de remarques sur la culture des Quinquinas. *pp. 80 : 33 pls. col.* fol. *Paris*, 1870.

Commission Chorographique des États-Unis de la Colombie.

Triana (J.) Les Mélastomacées. *pp. 188 : 7 pls.* 4⁰. *London*, 1871.

Trans. Linn. Soc. Lond. Vol. XXVIII.

Triana (J.) & **Planchon** (J. É.) Mémoire sur la famille des Guttifères. *See* PLANCHON (J. É.) & TRIANA (J.) 8⁰. 1862.

Triana (J.) & **Planchon** (J. É.) Prodromus Floræ Novo-Granatensis (ou Énumération des Plantes de la Nouvelle-Grenade, avec description des espèces nouvelles). 2 Vol. 8⁰. *Paris*, 1862–67.

Commission Chorographique de la Nouvelle-Grenade. Partie Botanique. Reprinted from the "Annales des Sciences Naturelles : Botanique" as follows :—

Vol. I. [Phanerogamia.] Par J. Triana et J. É. Planchon.			
pp. 5–190.	Ann. Sér. IV, tom. XVII, pp. 5–190.		
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	,, ,, ,, ,, XVII, ,, 111–194.	1873.	
Vol. II. Cryptogamie.			
Lichenes : auctore W. Nylander. pp. 1–97.	,, ,, IV, ,, XIX, ,, 286–382.		
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Hepaticæ : exposuit C. M. Gottsche. pp. 170–274.	,, ,, V, ,, I, ,, 95–198.	1864.	
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Lycopodiaceæ—Equisetaceæ : auctore G. Mettenius. pp. 391–396.	,, ,, ,, ,, ,, ,, 306–311.	1865.	
Musci : exposuit E. Hampe. pp. 397–436.	,, ,, ,, ,, ,, ,, 337–376.		
,, 437–490.	,, ,, ,, ,, IV, ,, 324–378.		
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Lichenes additamentum : exposuit W. Nylander. pp. 533–586.	,, ,, ,, ,, VII, ,, 301–354.	1867.	

TRIANON. *See* VERSAILLES.

TRIBOLET (Georges de) [1830-1873] & **Campiche** (G.) Description Géologique des environs de Sainte-Croix. *See* Pictet (F. J.) Matériaux pour la Paléontologie Suisse, *&c.* Sér. ii, no. 2. 4⁰. 1858-60.

TRIBOLET (Maurice F. de) [1852-] Notice Géologique sur le Cirque de Saint-Sulpice, *&c. pp. 35 : 3 pls. See* Neuchatel.—Société des sciences naturelles. Bulletin, *&c.* Tom. ix. 8⁰. 1873.

Tribolet (M. F. de) Recherches Géologiques et Paléontologiques dans le Jura Neuchâtelois, *&c. pp. 144 : 3 pls. See* Neuchatel.—Société des sciences naturelles. Mémoires, *&c.* Tom. iv, pt. 2. 4⁰. 1873.

Tribolet (M. F. de) Sur la Saussurite et la Néphrite (Jadéite). *pp. 12. See* Neuchatel.—Société des sciences naturelles. Bulletin, *&c.* Tom. x. 8⁰. 1874.

Tribolet (M. F. de) Notes Géologiques et Paléontologiques sur le Jura Neuchâtelois, *&c.* 2 Pt. *See* Neuchatel.—Société des sciences naturelles. Bulletin, *&c.* Tom. x. 8⁰. 1874-75.

Tribolet (M. F. de)
Note sur les Minéraux et Roches recueillis dans la partie nord de l'Abyssinie, par M. Traub. *pp. 5.*
Note sur les depôts erratiques de la rive sud du lac de Thoune et de la vallée de Saxeten, *&c. pp. 8.*
See Neuchatel.—Société des sciences naturelles. Bulletin, *&c.* Tom. x. 8⁰. 1875.

Tribolet (M. F. de) [Cours de Minéralogie générale et appliquée. 8⁰. *Neuchâtel*, 1882.]
Wanting.

—— Deuxième édition, *&c. pp. 172.* 8⁰. *Neuchâtel*, 1893.

TRIEBEL (R.) Ueber Oelbehälter in Wurzeln von Compositen. *pp. 44 : 7 pls. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. l, no. 1. 4⁰. 1885 (1887).

Triebel (R.) R. Caspary : Einige fossile Hölzer Preussens. Nach dem handschriftlichen Nachlasse des Verfassers bearbeitet von R. Triebel. *See* Prussia.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. ix, hft. 2. 8⁰. & fol. 1889.

TRIESTE.—Civico Museo Ferdinando Massimiliano.
See infra, Museo Civico di Storia Naturale.

TRIESTE.—Museo Civico di Storia Naturale.
[1846 Founded as *Civico Museo Ferdinando Massimiliano.*
Now *Museo Civico di Storia Naturale.*]
Civico Museo . . . continuazione dei cenni storici pubblicati nell'anno 1869. 1 No. 4⁰. *Trieste*, 1874.

Trieste.—Museo Civico di Storia Naturale.
Atti, *&c.* Vol. vii-x. 8⁰. *Trieste*, 1884-1903.

Trieste.—Museo Civico di Storia Naturale.
Flora di Trieste, *&c. See* Marchesetti (C. de). 8⁰. 1896.

TRIESTE.—Società Adriatica di Scienze Naturali. [Founded 1874.]
Bollettino, *&c.* Vol. i→ 8⁰. *Trieste*, (1874-) 1875→

TRIESTE.—Zoologische Station.
Arbeiten . . . der Zoologischen Station in Trieste, *&c.* Tom. i→ *See* Vienna.—Kaiserlich-Koenigliche Universitaet. 8⁰. 1878→

TRIGER (Jules) [1801-1867] Carte Géologique du département de la Sarthe, d'après J. Triger, *&c.* [Scale 1 : 125,000 [*i.e.* 1 in. = 2 m. about].] *See* Sarthe. [*Maps.*] s.sh. *col.* 1874.

Triger (J.) Département de la Mayenne. Arrondissement de Laval. Carte Géologique par . . . J. Triger . . . Échelle 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. *See* Œhlert (D. P.) Notes Géologiques sur le département de la Mayenne, *&c.* s.sh. 1882.

Triger (J.) & **Cotteau** (G. H.) Échinides du département de la Sarthe, *&c. See* Cotteau (G. H.) & Triger (J.) 8⁰. 1855-69.

TRIGOZO (Sebastião Francisco de Mendo) *See* Mendo Trigozo (S. F. de).

TRILLERUS (Daniel Wilhelmus) [1695-1782] Animadversiones . . . D. W. Trilleri . . . in Æliani libros xvii, *&c. See* Ælianus (C.) Αἰλιανου περι ζωων ἰδιοτητος βιβλια ιζ'. Æliani de natura Animalium libri xvii, *&c.* Pt. 2. 4⁰. 1744.

—— [Another edition.] 4⁰. 1774.

Trillerus (D. W.) Dissertatio medica inauguralis de Corticis Peruviani usu . . . quam præside D. W. Trillero . . . defendet A. M. Barthius. *pp. 28.* 4⁰. *Vitembergæ* [1758].

Trillerus (D. W.) De Planta quadam venenata, ejusque furioso effectu λιθοστροφω, copiis Antonianis olim exitiali ad illustrandum quendam Appiani locum in Parthicis. [Oration.] *pp. xvi.* 4⁰. [*Wittenberg*,] 1765.

TRILOBITES. *See* Hinton ( ) Trilobites.—Fossils found in the neighbourhood of Dudley, *&c.* fol. 1827.

TRIMBLE (Isaac P.) A treatise on the Insect Enemies of Fruit and Fruit Trees . . . The Curculio and the Apple Moth. *pp. 139 : 11 pls. (1 col.)* 4⁰. *New York*, 1865.

TRIMEN (Henry) [1843-1896] *See* Journal of Botany, *The* . . . Edited by . . . H. Trimen. Vol. viii-xvii. 8⁰. 1870-79.

Trimen (H.) Botanical Bibliography of the British Counties. (Extracted from the Journal of Botany for 1874, and revised, with additions.) *pp. xxv.* 8⁰. [*London*, 1874.]
A copy, with manuscript additions, is also kept in the Botanical Department.

Trimen (H.) Coffee Leaf Disease. Preliminary Report . . . with observations by the Director [H. Trimen], Royal Botanic Gardens. *See* Pérádeniya, *Ceylon.—Royal Botanic Gardens.* 4⁰. 1880.

Trimen (H.) A. systematic Catalogue of the Flowering Plants and Ferns indigenous to, or growing wild in Ceylon. With the vernacular names, and with references to Thwaites' "Enumeratio." *pp. iv, 137.* 8⁰. *Colombo*, 1885.
Journ. Ceylon Branch R. Asiatic Soc. Vol. ix (No. 30).

Trimen (H.) Hortus Zeylanicus. A classified List of the Plants . . . growing in the Royal Botanic Gardens, Pérádeniya, *&c. See* Pérádeniya, *Ceylon.—Royal Botanic Gardens.* 4⁰. 1888.

Trimen (H.) A Hand-Book to the Flora of Ceylon, containing descriptions of all the . . . Flowering Plants indigenous to the Island (. . . Continued [Pt. iv & v] by Sir J. D. Hooker), *&c.* 5 Pt. 8⁰. *London*, 1893-1900.

—— Plates in illustration of . . . the Flora of Ceylon. *100 pls. col.* 4⁰. *London*, 1893-98.

Trimen (H.) [For official reports as Director of the Royal Botanic Gardens, Pérádeniya] *See* Pérádeniya, *Ceylon.—Royal Botanic Gardens.*

Trimen (H.) & **Bentley** (R.) Medicinal Plants, *&c.* 4 Vol. *See* BENTLEY (R.) & TRIMEN (H.) 8⁰. 1880.

Trimen (H.) & **Dyer** (*Sir* W. T. T.) *K.C.M.G.* Flora of Middlesex: a topographical and historical account of the plants found in the county; with sketches of its Physical Geography and climate and of the progress of Middlesex Botany during the last three centuries. *pp. xli, 428 : 1 map col.* 8⁰. *London*, 1869.
Trimen's interleaved copy, with his autograph notes, is also kept in the Botanical Department.

TRIMEN (ROLAND) [1840-] Rhopalocera Africæ australis; a catalogue of South African Butterflies: comprising descriptions of all the known species, with notices of their larvæ, *&c.* 2 Pt. *illust.* 8⁰. *London & Cape Town*, 1862, 66.
Pt. I. *Pp. iv [xvi,] 1-190 [4] : 1 pl.* (List of South African Butterflies for labelling collections. *pp. 3.*) 1862.
,, II. *Pp. 183-353 [16] : 6 pls. col.* (List . . . for labelling, *&c. pp. 4.*) 1866.

Trimen (R.) The South-African Vertebrate Fauna. *See* CAPE COLONY. Illustrated Official Handbook of the Cape, *&c.* 8⁰. 1893.

Trimen (R.) & **Bowker** (J. H.) South-African Butterflies: a monograph of the extra-tropical species [and principally those preserved in the South African Museum, Cape Town]. 3 Vol. *illust. col.* 8⁰. *London*, 1887-89.

TRIMEN'S JOURNAL OF BOTANY. *See* JOURNAL OF BOTANY, *The.*

TRIMMER (JOSHUA) [1795-1857] Practical Geology and Mineralogy; with instructions for the qualitative analysis of Minerals. *pp. xxvi, 519 : 1 pl., text illust.* 8⁰. *London*, 1841.

—— [Another edition.] *pp. xxviii, 527 : 1 pl., text illust.* 8⁰. *Philadelphia*, 1842.

Trimmer (J.) On the geology of Norfolk, as illustrating the laws of the distribution of Soils. *pp. 45 : 1 pl., text illust.* 8⁰. *London*, 1847.
Journ. Roy. Agric. Soc. England. Vol. VII.

Trimmer (J.) Proposals for a Geological Survey, specially directed to agricultural objects. *pp. 9 : 1 pl. col.* 8⁰. *London*, 1850.

Trimmer (J.) On the Agricultural Geology of England and Wales. *pp. 52.* 8⁰. *London* [1851].
Journ. Roy. Agric. Soc. England. Vol. XII.

TRIMMER (KIRBY) [1804-1887] Flora of Norfolk: a catalogue of Plants found in the County of Norfolk. *pp. xxxvi [iv,] 195.* 8⁰. *London*, 1866.

—— Supplement, *&c. pp. 73.* 8⁰. *London* [1885].

TRINCHESE (SALVATORE) [1836-1897] Æolididæ e famiglie affini del Porto di Genova. Pt. I. *pp. 94 : 40 pls. (col.)* *See* GENOA.—REGIA UNIVERSITÀ DEGLI STUDI. Atti, *&c.* Vol. II. 8⁰. 1870 [*i.e.* 1882].
The serial title to the volume is dated "1870," the title-page to the work itself is inscribed "Bologna, 1877-79," but this part was not issued until March 1882 (Naturæ Novit. Jahrg. IV, p. 91).

—— Pt. 2. *pp. 142 : 81 pls. (col.)* *See* ROME.—REALE ACCADEMIA DEI LINCEI. Memorie, *&c.* Ser. III, tom. XI. 8⁰. 1881 (1882).
This part was not issued until May 1883 (Naturæ Novit. Jahrg. V, p. 98).

TRINCHIERI (GIULIO) Contributo allo studio della "Caulifloria." *pp. 16 : text illust.* *See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIX, no. 21. 4⁰. 1906.

Trinchieri (G.) Fasciazione e "pseudofasciazione." *pp. 15 : text illust.* *See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XX, mem. 17. 4⁰. 1907.

TRINCHINETTI (AUGUSTO) [1813-1847] Sulla facoltà asorbente delle radici de' Vegetabili, Memoria premiata, *&c. pp. 81.* 4⁰. *Milano*, 1843.

TRINCI (GIULIO) Sopra una Discomedusa del Golfo di Paria (America del Sud). *pp. 4.* *See* NAPLES.—REGIA UNIVERSITÀ DEGLI STUDI. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. II, no. 9. 4⁰. 1906.

TRINIDAD.—BOTANICAL DEPARTMENT.
Herbarium List . . . Compiled and edited by J. H. Hart, *&c. pp. [i,] 89.* 8⁰. *Trinidad*, 1908.

TRINIDAD.—DEPARTMENT OF AGRICULTURE.
Circular No. 1. The Life History and Control of the Cacao Beetle (*Steirastoma depressum*, L.). By P. L. Guppy. *pp. 34, iii : 4 pls. (col.), text illust.* 8⁰. *Trinidad*, 1911.
Title from wrapper.
Appendix contains:—
Sir W. Hely-Hutchinson on the Cocoa Beetle.
[Reprinted from "Agric. Record Trinidad," January 1891.]
Notes on the Cacao Beetle (*Steirastoma depressum*). By A. B. Carr.
[Reprinted from "Journal Trinidad Field Naturalists' Club." Vol. II, no. 4, October 1894.]

Trinidad.—DEPARTMENT OF AGRICULTURE.
Circular No. 2. Report of the Mycologist [J. B. Rorer] for year ending March 31, 1911 (Pt. I), containing Reports of the Entomologist [F. W. Urich], the assistant Entomologist [P. L. Guppy], and the Secretary. *pp. 13.* 8⁰. *Trinidad*, 1911.

Trinidad.—DEPARTMENT OF AGRICULTURE.
[Circular.] The Cacao Thrips. [By] F. W. Urich. *pp. 16 : 3 pls. col.* 8⁰. *Trinidad*, 1911.

Trinidad.—DEPARTMENT OF AGRICULTURE.
Circular No. 8. Results obtained in the study of the Froghopper during the wet season of 1910. By L. H. Gough. *pp. 46 : 7 pls., text illust.* 8⁰. [*Trinidad*, 1911.]

Trinidad.—DEPARTMENT OF AGRICULTURE.
Circular No. 9. The Palm Weevil as Sugar Cane pest. By L. H. Gough. *pp. 6 : 1 pl.* 8⁰. [*Trinidad*, 1911.]

Trinidad.—DEPARTMENT OF AGRICULTURE.
Circular No. 9 [bis]. The Sugar Cane Froghopper (*Tomaspis varia*, Fabr.) and biological notes on some Cercopids of Trinidad, by F. W. Urich. *pp. 46 : 6 pls. (col.), text illust.* 8⁰. *Trinidad*, 1913.

TRINIDAD.—GEOLOGICAL SURVEY.
See GREAT BRITAIN & IRELAND.—*Geological Survey : West Indies.*

TRINIDAD.—Royal Botanic Gardens.
Annual Report. 1890. fol. *Port-of-Spain*, 1891.

Trinidad.—Royal Botanic Gardens.
Bulletin of Miscellaneous Information. [Edited by J. H. Hart.] [Vol. I,] No. 10, 11, 13-15, 18-24; Vol. II, no. 1-8; III, pt. 1-5 & 7 (No. 9-13 & 15); No. 38, 59 & 60. 8⁰. *Trinidad*, 1889-1908.

TRINIDAD. [*Map.*] The Island of Trinidad . . . by J. Basanta. [Scale 1 in. = 3·84 m.] *London*, 1875.

TRINIDAD NATURALISTS' FIELD CLUB.
[Founded 1891.]
Journal, *&c.* Vol. I & II. 8⁰. *Port-of-Spain*, 1892-96.

TRINIL-EXPEDITION, 1907 & 1908. Die *Pithecanthropus*-Schichten auf Java. Geologische und paläontologische Ergebnisse der Trinil-Expedition (1907 und 1908), *&c.* *See* SELENKA (M. L.) *Frau.* 4⁰. 1911.

TRINIUS (Carl Bernhard) [1778–1844] Fundamenta Agrostographiæ, sive theoria constructionis floris Graminei; adjecta synopsi generum Graminum hucusque cognitorum. *pp. x, 214 [6].* 8⁰. *Viennæ*, 1820.

Trinius (C. B.) Clavis Agrostographiæ antiquioris. Uebersicht des Zustandes der Agrostographie bis auf Linné; und Versuch einer Reduction der alten Synonyme der Gräser auf die heutigen Trivialnamen. *pp. xxiv, 412 : 1 pl.* 8⁰. *Coburg*, 1822.

Trinius (C. B.) De Graminibus unifloris et sesquifloris dissertatio botanica, sistens theoriæ constructionis floris graminei epicrisin, terminologiæ novæ rationes, de methodo disquisitiones; adjecta generum ac specierum e tribu uni- et sesquiflororum plurium synopsi, *&c. pp. 314 [v] : 5 pls.* 8⁰. *Petropoli*, 1824.

Trinius (C. B.) De Graminibus paniceis. Dissertatio botanica altera. *pp. 289.* 8⁰. *Petropoli*, 1826.

Trinius (C. B.) Herrn Raspail's Abhandlung über die Bildung des Embryo in den Gräsern . . . aus dem Französischen übersetzt und mit Anmerkungen begleitet von D. C. B. Trinius, *&c. See* Raspail (F. V.) 8⁰. 1826.

Trinius (C. B.) Ueber den gegenwärtigen wissenschaftlichen Standpunct der Naturforschung, *&c. pp. 82.* 8⁰. *St. Petersburg*, 1828.

Trinius (C. B.) Species Graminum iconibus et descriptionibus. 3 Vol. *illust.* 4⁰. *Petropoli*, 1828–36.

Trinius (C. B.) Graminum genera quædam speciesque complures definitionibus novis illustravit C. B. Trinius. (—Supplementa, *&c.*) *See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VI, tom. I, *pp. 54–93, 353–416*; IV (Sci. Nat. II), *pp. 1–107.* 4⁰. 1830 (, 36).

Trinius (C. B.) Andropogineorum genera speciesque complures definitionibus novis illustravit C. B. Trinius. 4⁰. [*St. Petersburg*, 1832.]
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. II, *pp. 239–337.*

Trinius (C. B.) Panicearum genera retractavit, speciebusque compluribus illustravit C. B. Trinius. *pp. 267 : 1 pl.* 4⁰. [*St. Petersburg*, 1834.]
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. III (Sci. Nat. Tom. I).

Trinius (C. B.) Bambusaceas quasdam novas describit C. B. Trinius. *pp. 17.* 4⁰. [*St. Petersburg*, 1835.]
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. III (Sci. Nat. Tom. I).

Trinius (C. B.) Genera Plantarum ad familias suas redacta. [By C. B. Trinius.] *See* Plants. 4⁰. 1835.

Trinius (C. B.) Phalaridea. [Graminum genera. III.] 4⁰. [*St. Petersburg*, 1839.]
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. V (Sci. Nat. III), *pp. 47–90.*

Trinius (C. B.) Genera Graminum . . . IV. Oryzea. *See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VI, tom. V (Sci. Nat. III), *pp. 167–189.* 4⁰. 1840.

Trinius (C. B.) Agrostidea. (Genera Graminum. V.) I. Vilfea. 4⁰. *Petropoli*, 1840.
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. VI (Sci. Nat. IV), *pp. 23–134.*

—— II. Callo rotundo (Agrostea). *pp. 144.* 4⁰. *Petropoli*, 1841.
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. VI (Sci. Nat. IV).

Trinius (C. B.) & **Liboschitz** (J.) Flore des environs de St.-Pétersbourg et de Moscou. Tom. I.† *See* Liboschitz (J.) & Trinius (C. B.) 4⁰. 1811.

Trinius (C. B.) & **Ruprecht** (F. J.) Species Graminum Stipaceorum. (Gramina Agrostidea. III. Callus obconicus (Stipacea), *&c.*) *pp. 189.* 4⁰. *Petropoli*, 1842.
Mém. Acad. imp. Sci. St.-Pétersbourg. Sér. VI, tom. VII (Sci. Nat. V), 1843.

TRIONFETTI (Giovanni Battista) [1658–1708] Observationes de ortu ac vegetatione Plantarum cum novarum stirpium historia iconibus illustrata. *pp. [viii,] 106 : 17 pls.* 4⁰. *Romæ*, 1685.

Vindiciarum veritatis a castigationibus quarundam propositionum, quæ habentur in opuscula de Ortu ac vegetatione Plantarum . . . cum auctoris specimine circa Plantarum Phœnomena, ac Metamorphôses, *&c.* Pt. 1.† *pp. [xvi,] 205 : 4 pls.* 4⁰. *Romæ*, 1703.

Trionfetti (G. B.) Prælusio ad publicas Herbarum ostensiones habita in Horto Medico Romanæ Sapientiæ anno . . . 1700 . . . cui accesserunt novarum Stirpium descriptiones, et icones, *&c. pp. 64 : 6 pls.* 4⁰. *Romæ* [1700].

TRIPIER (Jules) La Flore d'Eaucourt-sur-Somme, ou souvenirs de jeunes naturalistes. *pp. 19.* 8⁰. *Abbeville*, 1882.
Bull. Soc. Linn. Abbeville. 1880 & 1881.

TRIPOLI. [*Maps.*] Carte de la Régence de Tripoli et des principales routes commerciales de l'intérieur de l'Afrique, dressée par MM. Prax et Renou. (Routes commerciales de l'Algérie au Pays des Noirs.) Échelle 1 : 2,000,000 [*i.e.* 1 in. = 31½ m. about]. s.sh. *Paris*, 1850.

Tripoli. [*Maps.*] Map of Tripoli . . . Scale 1 : 1,584,000, or 25 miles to 1 inch. s.sh. *London*, 1890.
Intelligence Division, War Office, No. 777.

TRIPP (F. E.) British Mosses, their homes, aspects, structure, and uses, *&c.* 2 Vol. *illust. col.* 4⁰. *London*, 1874.

TRIPPKE (Paul) [1851–1880] Beiträge zur Kenntniss der Schlesischen Basalte und ihrer Mineralien. Inaugural-Dissertation, *&c. pp. 66 : 2 pls.* 8⁰. *Breslau*, 1878.

TRISTÁN (J. Fidel) Insectos de Costa Rica, *&c. See* San José.—Museo nacional de costa rica. 8⁰. 1897.

TRISTRAM (Henry Baker) [1822–1906] A Catalogue of Eggs collected in Algeria, chiefly in . . . 1857, *&c. pp. 19.* 8⁰. *London*, 1858.
Sale Catalogue.

Tristram (H. B.) The Great Sahara: wanderings south of the Atlas Mountains. (Appendix.) *pp. xiv [i,] 435 : 11 pls., 2 maps, text illust.* 8⁰. *London*, 1860.

Appendix contains:—
I. On the Physical Geography.
II. On the Geological System.
IV. Catalogue of the Mammals.
V. Birds.
VI. Reptiles.
VII. Catalogue of the Mollusca.
VIII. Catalogue of Plants.

Tristram (H. B.) The Land of Israel; a journal of travels in Palestine, undertaken with special reference to its physical character. *pp. xx, 651 : 12 pls, 2 maps, text illust.* 8⁰. *London*, 1865.

Tristram (H. B.) [The Natural History of the Bible: being a review of the physical geography, geology, and meteorology of the Holy Land; with a description of every Animal and Plant mentioned in Holy Scripture. 12⁰. *London*, 1867.]

Wanting.
Published under the direction of the Society for Promoting Christian Knowledge.

—— Sixth edition. *pp. viii, 520 : text illust.* 12⁰. *London*, 1880.

Tristram (H. B.) Terrestrial Mollusks of the Azores. *See* GODMAN (F. D.) Natural History of the Azores, *&c.* 8⁰. 1870.

Tristram (H. B.) The Survey of Western Palestine. The Fauna and Flora of Palestine. *pp. xxii, 455 : 20 pls. col.* 4⁰. *London*, 1884.
Published by the Committee of the Palestine Exploration Fund.

Tristram (H. B.) Palestine in its Physical Aspects. *See* SCIENCE LECTURES, *&c.* Ser. XI, no. 3. 8⁰. [1885 ?]

Tristram (H. B.) Catalogue of a collection of Birds belonging to H. B. Tristram. *pp. xvi, 278.* 4⁰. *Durham*, 1889.

Tristram (H. B.) The Natural History of Palestine. A lecture delivered for the Palestine Exploration Fund. *pp. 32.* 8⁰. [*London*,] 1892.

TRIUMFETTI (JOANNES BAPTISTA) *See* TRIONFETTI (G. B.)

TRIVANDRUM.—*Trivandrum Museum.*
[Founded 1857.]
Report on the . . . Museum and Public Gardens for . . . 1899–1900. *pp. 25, xi.* 8⁰. *Trivandrum*, 1901.

TROELTZSCH (GEORGIUS CHRISTIANUS) Dissertatio inauguralis medica de Oreoselino, quam . . . moderatore D. C. C. Schmiedelio . . . offert auctor, *&c. pp. 42.* 4⁰. *Erlangæ* [1751].

—— [Another edition.] *See* SCHMIDEL (C. C.) D. C. C. Schmidelii . . . Dissertationes Botanici argumenti revisæ, *&c.* 4⁰. 1783.

TROESCH (A.) & **others.** Geologische Karte der Gebirge zwischen Lauterbrunnenthal, Kanderthal und Thunersee . . . Massstab 1 : 50,000 [*i. e.* 1 m. = 1¼ in. about]. (Profiltafel.) *See* SWITZERLAND.—*Carte Géologique Suisse.* [*Maps.*] 2 sh. *col.* [1907.]

TROG (JACOB GABRIEL) [1781–1865] Verzeichniss Schweizerischer Schwämme. *pp. 76.* 8⁰. *Bern*, 1844.
Mitth. Naturf. Gesells. Bern. Jahr. 1844.
Continuations appeared in the same serial for the years 1846, 1850, & 1857.

Trog (J. G.) Die essbaren, verdächtigen und giftigen Schwämme der Schweiz. Nach der Natur gezeichnet & gemalt von J. Bergner, und beschrieben von J. G. Trog. *pp. 46 : 36 pls. col.* fol. [*Berne*, 1845–50.]

Trog (J. G.) Tabula analytica Fungorum in Epicrisi, seu Synopsi Hymenomycetum Friesiana descriptorum, ad operis usum faciliorem collata. *pp. viii, 313.* 8⁰. *Bernæ*, 1846.

Trog (J. G.) Die Schwämme des Waldes als Nahrungsmittel, oder kurze Anleitung zur Kenntniss der bei uns wildwachsenden, essbaren Schwämme und zu ihrem zweckmässigen Gebrauche, *&c. pp. iv, 114 : 20 pls. col.* 8⁰. *Bern*, 1848.

TROIL (UNO VON) successively *Bishop of Linköping* and *Archbishop of Upsala* [1746–1803] Letters on Iceland : containing observations on the . . . natural history . . . Volcanos, Basaltes, Hot Springs . . . &c. made . . . in . . . 1772 . . . To which are added . . . [an "Account of the Island of Staffa, communicated by J. Banks"] Professor Bergman's curious observations and chemical examination of the Lava and other Substances produced on the Island, *&c.* [Translated by J. R. Forster.] *pp. xxvi, 400 : 1 pl., 1 map.* 8⁰. *London*, 1780.
The Swedish original was published in 1777.

—— [Another edition.] Letters on Iceland : containing observations on the . . . natural history, *&c.* *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. I. 4⁰. 1808.

TROILIUS (ADOLF MAGNUS) [1838–] Om Westerås-trakten i Botaniskt afseende. Akademisk afhandling, *&c. pp. 43, xl.* 4⁰. *Stockholm*, 1860.

TROIS (ENRICO FILIPPO) Catalogo delle dimostrazioni anatomiche del Museo del R. Istituto Veneto di Scienze, Lettere ed Arti . . . preparate ed inviate alla Esposizione Internazionale . . . in Berlino nel 1880. *See* BERLIN.—*Internationale Fischerei-Ausstellung, 1880.* 8⁰. 1880.

Trois (E. F.) Catalogo delle collezioni d'Anatomia Comparata del R. Istituto Veneto di Scienze, Lettere ed Arti dalla fondazione Gennaio, 1867 all'Aprile, 1900. *See* VENICE.—REALE ISTITUTO VENETO, *&c.* 8⁰. 1900.

TROLLE (ALF ERIK MARTIN JENS CARL) [1879–] Danmark-Ekspeditionen til Grønlands Nordøstkyst, 1906–1908, under Ledelse af L. Mylius-Erichsen [and afterwards A. E. M. J. C. Trolle]. Bd. I→ *See* DENMARK.—*Commissionen for Ledelsen af de Geologiske og Geographiske Undersøgelser.* Meddelelser om Grønland, *&c.* Bd. XLI→ 8⁰. 1909→
Bd. XLI→ of the "Meddelelser," forming also Bd. I→ of "Danmark-Exspeditionen," *&c.*, was not issued till 1913.

TROMELIN (GASTON LE GOARANT DE) Étude de la Faune du Grès Silurien de May, Jurques, Champandré, Mont-Robert, etc. (Calvados), avec des observations sur divers Fossiles Paléozoïques de l'ouest de la France. *pp. 80.* 8⁰. *Caen*, 1876.
Bull. Soc. Linn. Normandie. Sér. III, vol. I.

Tromelin (G. LE G. DE) & **Guillier** (A.) Note sur le terrain Silurien de la Sarthe. *See* GUILLIER (A.) & TROMELIN (G. LE G. DE). 8⁰. 1874.

Tromelin (G. LE G. DE) & **Lebesconte** (P.) Note sur quelques Fossiles des Grès Siluriens de Saint-Germain-sur-Ille, La Bouexière, Champeaux, etc. (Ille-et-Vilaine). *pp. 8.* 8⁰. *Quimper*, 1875.

Tromelin (G. LE G. DE) & **Lebesconte** (P.) Essai d'un catalogue raisonné des Fossiles Siluriens des départements de Maine-et-Loire, de la Loire-Inférieure et du Morbihan, avec des observations sur les terrains Paléozoïques de l'ouest de la France. *pp. 65, 4 tabs.* 8⁰. *Paris*, 1876.
From the "Compte-Rendu de l'Assoc. Franç. Avance. Sci.," Sess. IV.

TROMMSDORFF (JOHANN BARTHOLMÆUS) [1770–1837] Chemische Untersuchung einiger Fossilien, als dunkelschwarzen Obsidians vom Hekla ; eines Heliotrops aus Böhmen ; eines schwarzen Feldspaths in dem Basalt eines ausgebrannten Vulkans zu Unkel ; eines blauen Kalzedons aus Sibirien ; eines sechsseitigen Bergkrystalls ; eines blättrigen Quarzes aus Sibirien ; eines violblauen Amethysts, *&c. pp. 23 : 2 pls.* *See* ERFURT.—KOENIGLICHE AKADEMIE GEMEINNUETZIGER WISSENSCHAFTEN. Nova Acta, *&c.* Tom. II. 8⁰. 1801.

Trommsdorff (J. B.) Systematisches Handbuch der gesammten Chemie . . . Angewandte Chemie. *pp. [10,] 480 [4].* 8⁰. *Erfurt*, 1804.
Die Chemie im Felde der Erfahrung. Bd. VI.

Trommsdorff (J. B.) Annalen der Pharmacie . . . Herausgegeben von . . . J. B. Trommsdorff. Bd. XI–XXI. *See* LIEBIG'S ANNALEN DER CHEMIE, *&c.* 8⁰. 1834–37.

TROMPETER (W. H.) Die Expansivkraft im Gestein als Hauptursache der Bewegung des den Bergbau umgebenden Gebirges. *pp. 34 : 7 pls.* 8⁰. *Essen*, 1899.

TROMSO.—Tromsø Museum. [Founded 1872.]
Tromsø Museums Aarsberetning. 1873→ 8⁰. *Tromsø*, 1874→

Tromso.—Tromsø Museum.
Tromsø Museums Aarshefter. No. I—>
8⁰. *Tromsø*, 1878—>

TRONDHJEM. *See* DRONTHEIM.

TRONDHJEMSKET SELSKAB.
See DRONTHEIM.—KONGELIGT NORSKE VIDENSKABERS-SELSKAB.

TRONSON (J. M.) Personal narrative of a Voyage to Japan, Kamtschatka, Siberia, Tartary, and various parts of the coast of China; in H.M.S. Barracouta. *pp. xiii, 414 : 14 pls., 1 map, text illust.* 8⁰. *London*, 1859.

TROOP (JAMES) The San Jose and other Scale Insects, and the Indiana Nursery Inspection Law.
8⁰. *La Fayette*, 1899.
Bull. Indiana Agric. Exper. Sta. No. 78.

TROOST (GERARD) [1776–1850] A critical summary of Troost's unpublished manuscript on the Crinoids of Tennessee. By E. Wood. *pp. ix, 150 : 15 pls., 1 port. See* UNITED STATES NATIONAL MUSEUM. Bulletin 64.
8⁰. 1909.

Troost (G.) [For official publications as State Geologist] *See* TENNESSEE, *State of.—Geological Survey.*

TROPENPFLANZER, Der. Zeitschrift für tropische Landwirtschaft. Organ des Kolonial-Wirtschaftlichen Komitees. Herausgegeben von O. Warburg, F. Wohltmann, *&c.* Jahrg. I—> 8⁰. *Berlin*, 1897—>

—— Beihefte zum Tropenpflanzer, *&c.* Bd. I—>
8⁰. *Berlin*, 1900—>

TROPICAL AGRICULTURIST, The: a monthly record of information for planters of Coffee, Tea, Cocoa . . . and other products suited for cultivation in the tropics . . . Compiled by A. M. & J. Ferguson, *&c.* Vol. I–XXIII. 4⁰. *Colombo*, 1882–1904.
Printed in double column.

TROSCHEL (FRANZ HERMANN) [1810–1882] Abbildungen und Beschreibungen neuer, oder wenig gekannter Conchylien . . . Mit Beiträgen der . . . Dr. Troschel, *&c.* 3 Bd. *See* PHILIPPI (R. A.) 4⁰. [1842–] 1851.

Troschel (F. H.) Report on the contributions to the natural history of the Reptilia.—Fishes.—Mollusca. *See* RAY SOCIETY. Reports on the progress of Zoology and Botany, 1841, 1842. 8⁰. 1845.

Troschel (F. H.) Progress of Zoology in 1843–44. Herpetology—Ichthyology—Mollusca. *See* RAY SOCIETY. Reports on Zoology for 1843–44. 8⁰. 1847.

Troschel (F. H.) [Mollusca, Amphibia and Reptilia of British Guiana.] *See* SCHOMBURGK (M. R.) Reisen in Britisch-Guiana, *&c.* Thl. III. 8⁰. 1848.

Troschel (F. H.) *See* ARCHIV FUER NATURGESCHICHTE . . . herausgegeben von . . . F. H. Troschel. Jahrg. XV–XLVII. 8⁰. 1849–81.

Troschel (F. H.) Ad audiendam publicam orationem de hodierno Zoologiæ statu . . . Insunt symbolæ de Helodermate horrido. *pp. 12.* 4⁰. *Bonnæ*, 1851.

Troschel (F. H.) Das Gebiss der Schnecken zur Begründung einer natürlichen Classification untersucht von . . . F. H. Troschel (fortgesetzt von . . . J. Thiele). 2 Bd. *illust.* 4⁰. *Berlin*, 1856–93.

Troschel (F. H.) & **Mueller** (J.) *Physiologist.* System der Asteriden. *See* MUELLER (J.) *Physiologist* & TROSCHEL (F. H.) 4⁰. 1842.
A manuscript English translation of the descriptions of some of the species is in the Zoological Department.

Troschel (F. H.) & **Mueller** (J.) *Physiologist.* Horæ Ichthyologicæ, *&c.* 3 Hft. *See* MUELLER (J.) *Physiologist* & TROSCHEL (F. H.) 4⁰. 1845–49.

Troschel (F. H.) & **Mueller** (J.) *Physiologist.* [Fish of British Guiana.] *See* SCHOMBURGK (M. R.) Reisen in Britisch-Guiana, *&c.* Thl. III. 8⁰. 1848.

TROSSIN (ALBERT VON) *See* MONATSSCHRIFT FUER KAKTEENKUNDE. Herausgegeben von A. v. Trossin, *&c.* Bd. II, hft. 1–3. 8⁰. 1892.

TROTTER (ALESSANDRO) [1847–] & **Cecconi** (G.) Cecidotheca Italica, o raccolta di Galle Italiane determinate, preparate ed illustrate. Fasc. I—>
4⁰. *Padova*, 1900—>

Trotter (A.) & **Saccardo** (P. A.) Sylloge Fungorum omnium hucusque cognitorum . . . Supplementum universale. Pars VIII (–IX). (Vol. XXI & XXII.) *See* SACCARDO (P. A.) 8⁰. 1912 (–13).

TROTTER (HENRY DUNDAS) [1802–1859] A Narrative of an Expedition . . . to the River Niger, in 1841. Under the command of Capt. H. D. Trotter, *&c.* 2 Vol. *See* ALLEN (W.) & THOMSON (T. R. H.) 8⁰. 1848.

TROTTI (LUDOVICO) Descrizione d'un nuovo Rettili fossile, della famiglia dei Paleosauri, e di due Pesci fossili, trovati nel calcareo nero, sopra Varenna sul lago di Como, dal . . . Sig. L. Trotti, *&c.* *See* BALSAMO-CRIVELLI (G. G.) 8⁰. 1839.

TROUESSART (ÉDOUARD LOUIS) [1842–] Mémoire sur la distribution géographiqué des Chiroptères comparée à celle des autres mammifères terrestres. *pp. 24. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. VIII, no. 12. 8⁰. 1878 (1879).

Trouessart (É. L.) Note sur une nouvelle et très petite espèce de Musaraigne de Madagascar [*Crocidura Coquerelii*].—Note sur une Musaraigne de Cochinchine, *&c.* *pp. 12 : 1 pl. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. X, no. 3 & 4. 8⁰. 1879.

Trouessart (É. L.) Revue synoptique des Cheiroptères d'Europe, pour servir de prodrome à une Faune des Mammifères de France. *pp. 10 : 2 pls.*
4⁰. *Villevêque*, 1879.
Feuille Jeunes Naturalistes. 1879.

Trouessart (É. L.) Note additionnelle sur une Musaraigne de Cochinchine. [*1 p.*] *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XI, no. 5 bis. 8⁰. 1881.

Trouessart (É. L.) Histoire naturelle de la France. 2ᵉ Partie: Mammifères. (Bibliographie, *&c.*) *pp. ii, xvi, 359 (xvii–xxii) [1] : text illust.* 8⁰. *Paris* (1884).
Musée Scolaire Dreyrolle.

Trouessart (É. L.) Catalogue des Mammifères vivants et fossiles (Carnivores). *pp. [iv,] 108. See* ANGERS.—SOCIÉTÉ D'ÉTUDES SCIENTIFIQUES. Bulletin, *&c.* Ann. 1884, Suppt. 8⁰. 1885.

Trouessart (É. L.) Note sur le Rat musqué (*Mus pilorides*) des Antilles, type du sous-genre *Megalomys* (Trt.), et sur la place de ce sous-genre dans le groupe des Rats Américains ou Hesperomyeæ. *pp. 18 : 1 pl. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XIX, no. 5. 8⁰. 1885.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXXI, no. 4. 8⁰. 1885.

Trouessart (É. L.) L'origine de la Faune et de la Flore de la Nouvelle-Zélande . . . d'après les travaux récents de M. F. W. Hutton. *pp. 29. See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXXI, no. 7. 8⁰. 1885.

Trouessart (É. L.) Les Microbes, les Ferments et les Moisissures. *pp. iv, 304 : text illust.* 8⁰. *Paris*, 1886.
Bibliothèque Scientifique Internationale. LIV.

Trouessart (É. L.) Microbes, Ferments and Moulds. *pp. xi, 314 : text illust.* 8⁰. *London*, 1886.
International Scientific Series. LVII.

Trouessart (É. L.) La Géographie Zoologique. *pp. xi, 338 : 1 pl., 2 maps, text illust.* 8⁰. *Paris*, 1890.
Bibliothèque Scientifique Contemporaine.

Trouessart (E. L.) Note sur les Acariens marins (*Halacaridæ*) récoltés par M. H. Gadeau de Kerville sur le littoral du département de la Manche . . . 1893. *See* GADEAU DE KERVILLE (H.) Recherches sur les Faunes marine et maritime de la Normandie, *&c.* 8⁰. 1894.

Trouessart (É. L.) Note sur les Acariens recueillis au Spitzberg pendant le voyage de La Manche. *See* JAN-MAYEN. Voyage de "La Manche" à l'île Jan-Mayen . . . 1892. No. 16. 8⁰. 1894.

Trouessart (É. L.) Les Parasites des Habitations Humaines et des denrées alimentaires, ou commerciales. *pp. 168 : text illust.* 8⁰. *Paris* [1895 ?].

Trouessart (É. L.) [Halacaridæ of the Bay of Biscay.] *See* LYONS.—UNIVERSITÉ. Annales, *&c.* Tom. XXVI. 8⁰. 1896.

Trouessart (É. L.) Catalogus Mammalium tam viventium quam fossilium . . . Nova editio (prima completa). 2 Tom. 8⁰. *Berolini*, (1897–) 1898–99.

—— Quinquennale Supplementum, anno 1904. *pp. vii, iv, 929.* 8⁰. *Berolini*, 1904-05.

Trouessart (É. L.) La Faune des Mammifères de l'Algérie, du Maroc et de la Tunisie. *pp. 58 : text illust. See* PARIS.—SOCIÉTÉ ZOOLOGIQUE DE FRANCE. Causeries Scientifiques, *&c.* Tom. I, no. 10. 8⁰. 1905.

Trouessart (É. L.) Acari of the Scotch Antartic Expedition. *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901–1903, *&c.* Bd. V, lief. 11, Appendix. 4⁰. 1908.

Trouessart (É. L.) Conspectus Mammalium Europæ. Faune des Mammifères d'Europe. *pp. xvii, 266.* 8⁰. *Berlin*, 1910.

Trouessart (É. L.) Acariens de l'Expédition Antarctique Nationale Écossaise. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S.Y. "Scotia," *&c.* Vol. VI, no. 3. 4⁰. 1912.
Scottish Oceanographical Laboratory Publication.

Trouessart (É. L.) Catalogue des Oiseaux d'Europe, pour servir de Complément et de supplément à l'Ornithologie Européenne, de Degland et Gerbe (1867). Par É. L. Trouessart. *pp. xviii, 545.* 8⁰. *Paris*, 1912.

TROUSLOT (R. B.) *See* KANSAS CITY SCIENTIST, *The* ([formerly] "The Hoosier Naturalist," & "The Naturalist"). R. B. Trouslot, editor. Vol. I–V.† 8⁰. & 4⁰. 1886–91.

TROVATO-CASTORINA (GIOVANNI) Effetti magnetici del fulmine sulle lave dell' Etna. *pp. 12 : text illust. See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. IV, vol. XIX, no. 15. 4⁰. 1906.

TROW (ALBERT HOWARD) [1863–] The Flora of Glamorgan. Including the Spermaphytes & Vascular Cryptogams, with Index. Prepared under the direction of a Committee of the Cardiff Naturalists' Society. Edited by . . . A. H. Trow. Vol. I→ 8⁰. *Cardiff*, (1907–) 1911→
The five Sections of Vol. I. were originally published as Appendixes to the "Transactions of the Cardiff Naturalists' Society," Vol. XXXIX–XLIV, 1906–11.

TROWELL (SAMUEL) A new treatise of Husbandry, Gardening, and other curious matters relating to country affairs, *&c. pp. vii, 164.* 8⁰. *London*, 1739.

TROYES.—Musée de Troyes.
Catalogue des Météorites au 1er Novembre 1886, *&c. pp. 4.* 8⁰. [*Troyes*, 1887.]
A manuscript list up to 1st December, 1888, has been added.

TROZELIUS (CLAS BLECHERT) [1719–1794] En hushållares upmärksamhet vid Växt-Riket . . . under . . . C. B. Trozelii anförande . . . framstäld af I. Sandahl, *&c. pp. 32.* 4⁰. *Lund* [1760].

Trozelius (C. B.) Dissertatio academica de generatione ac nutritione Arborum, quam . . . sub præsidio . . . C. B. Trozelii . . . defert C. Revigin, *&c. pp. 27.* 4⁰. *Londini Gothorum* [1768].

Trozelius (C. B.) Tankar om såcker och sirup af inhemska Växter . . . under . . . C. B. Trozelii inseende . . . framgifne af P. Giers, *&c. pp. 16.* 4⁰. *Lund* [1771].

Trozelius (C. B.) Specimen graduale de Sacerdote Botanico, quod . . . præsidio . . . C. B. Trozelii . . . defert J. B. Brandström, *&c. pp. 15.* 4⁰. *Londini Gothorum* [1772].

TRUAN Y LUARD (ALFREDO) [1833–1890] Ensayo sobre la sinopsis de las Diatomeas de Asturias, *&c.* 2 Pt. *pp. 76 : 14 pls. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XIII & XIV. 8⁰. 1884, 85.

Truan y Luard (A.) & **Witt** (O. N.) Die Diatomaceen der Polycystinenkreide von Jérémie in Hayti, Westindien, *&c. pp. 38 : 7 pls.* 4⁰. *Berlin*, 1888.

TRUCHOT (P.) [1866–] Les Terres Rares, *&c. pp. v, 315 : text illust.* 8⁰. *Paris*, 1898.

TRUCHSESS VON WETZHAUSEN (CHRISTIAN) *Baron.* Systematische Classification und Beschreibung der Kirschensorten . . . Herausgegeben von F. T. Heim. *pp. xxvi, 692 [30].* 8⁰. *Stuttgard*, 1819.

TRUE (FREDERICK WILLIAM) [1858–] Catalogue of the Aquatic Mammals exhibited by the United States National Museum. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* United States of America. Catalogue H. 8⁰. 1884.

—— [Another issue.] *See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 27. 8⁰. 1884.

True (F. W.) Natural History of useful aquatic animals. —The Manatees and the Arctic Sea Cow.—Reptiles and Batrachians. *See* UNITED STATES.—*Commission of Fish and Fisheries.* The Fisheries and Fishery Industries of the United States. Sect. I. 8⁰. 1884.

True (F. W.) A review of the family Delphinidæ. *pp. 191 : 47 pls. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 36. 8⁰. 1889.

True (F. W.) Mammals of the Pribilof Islands. *See* UNITED STATES.—*Fur Seal Enquiry.* The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, *&c.* Pt. III, no. 16. 8⁰. 1899.

True (F. W.) The Whalebone Whales of the western North Atlantic, compared with those occurring in European waters, with some observations on the species of the North Pacific. *pp. vii, 332 : 50 pls., text illust. See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. XXXIII. 4⁰. 1904.

True (F. W.) Remarks on the type of the fossil Cetacean *Agorophius pygmæus* (Müller). *pp. 8 : 1 pl.* 4⁰. *Washington* [*D.C.*], 1907.
Smithsonian Institution Publication No. 1694.

True (F. W.) A further account of the fossil Sea Lion *Pontolis magnus*, from the Miocene of Oregon. *See* UNITED STATES.—*Geological Survey.* Professional Paper 59. Contributions to the Tertiary Paleontology of the Pacific coast. I. 4⁰. 1909.

True (F. W.) An account of the Beaked Whales of the family Ziphiidæ, in the Collection of the United States National Museum, with remarks on some specimens in other American museums. *pp.* [*i,*] *89 : 42 pls. See* UNITED STATES NATIONAL MUSEUM. Bulletin 73. 4⁰. 1910.

True (F. W.) The genera of fossil Whalebone Whales allied to Balænoptera. *pp. 8. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LIX, no. 6. 8⁰. 1912.

True (F. W.) Diagnosis of a new Beaked Whale of the genus *Mesoplodon* [*M. mirum*] from the coast of North Carolina. *pp. 2. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LX, no. 25. 8⁰. 1913.

True (F. W.) & **Nelson** (E. W.) Mammals of Northern Alaska. *See* UNITED STATES. Report upon the Natural History collections made in Alaska between . . . 1877 and 1881, *&c.* 4⁰. 1887.

TRUE (RODNEY HOWARD) & **Bartlett** (H. H.) Absorption and Excretion of Salts by Roots, as influenced by Concentration and Composition of Culture Solutions. I. Concentration relations of dilute solutions of Calcium and Magnesium Nitrates to Pea Roots. *pp. 36 : 1 pl., text illust. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 231. 8⁰. 1912.

TRUESTEDT (OTTO) Die Erzlagerstätten von Pitkäranta am Ladoga-See. *pp.* [*ii,*] *333, 1 tab. : 19 pls., 1 map geol. col., text illust. See* FINLAND.—*Finlands Geologiska Undersökning.* Bulletin, *&c.* No. 19. 8⁰. 1907.

TRUFFAUT (GEORGES) Les Ennemis des Plantes cultivées : Maladies : Insectes, *&c. pp. 565 : 54 pls.* (*some back to back*), *text illust.* 8⁰. *Paris*, 1912.

TRUMMER (FRANZ XAVER) Systematische Classification und Beschreibung der im Herzogthume Steiermark vorkommenden Rebensorten, *&c. pp. x, 362, 4 tabs. : 2 pls.* 8⁰. *Grätz*, 1841.

—— Nachtrag, *&c. pp.* [*iv,*] *192.* 8⁰. *Grätz*, 1854.

TRUQUI (EUGENIO) [-1860] *See* STUDI ENTOMOLOGICI, pubblicati per . . . E. Truqui. Tom. I.† 8⁰. 1848.

Truqui (E.) Anthicini insulæ Cypri et Syriæ. *pp. 35 : 1 pl. col.* 4⁰. *Taurini*, 1855.
Mem. R. Accad. Sci. Torino, Ser. II, vol. XVI, 1857. *pp. 339-371 : 1 pl. col.*

TRURO.—Miners' Association of Cornwall and Devonshire.
See MINERS' ASSOCIATION OF CORNWALL AND DEVONSHIRE.

TRURO.—Mining Institute of Cornwall.
See MINING INSTITUTE OF CORNWALL.

TRURO.—Royal Institution of Cornwall.
See ROYAL INSTITUTION OF CORNWALL.

TRUTAT (EUGÈNE) [1840-] L'Homme fossile à Bruniquel (Tarn-et-Garonne). *See* LYELL (*Sir* C.) L'Ancienneté de l'Homme. Appendice, *&c.* 8⁰. 1864.

Trutat (E.) *See* MATÉRIAUX POUR L'HISTOIRE PRIMITIVE ET NATURELLE DE L'HOMME . . . Revue mensuelle . . . par E. Trutat, *&c.* Année V-VII. (Sér. II, tom. I-III.) 8⁰. 1869-72.

Trutat (E.) Essai sur l'histoire naturelle du Desman des Pyrénées. *pp. 107 : 15 pls.* 8⁰. *Toulouse*, 1891.

Trutat (E.) Les Pyrénées : les montagnes, les glaciers, les eaux minérales . . . la flore, la faune et l'homme. *pp. viii, 371 : text illust.* 8⁰. *Paris*, 1894.
Bibliothèque Scientifique Contemporaine.

—— [Another issue.] 8⁰. *Paris*, 1896.
Differs from the preceding only in the date.

Trutat (E.) & **others.** Note sur deux fragments de mâchoires Humaines trouvées dans la caverne de Bruniquel (Tarn-et-Garonne). *See* LYELL (*Sir* C.) L'Ancienneté de l'Homme. Appendice, *&c.* 8⁰. 1864.

TRUTCH (*Sir* JOSEPH WILLIAM) [1826-] Map of British Columbia, *&c. See* BRITISH COLUMBIA. [*Maps.*] 1871.

TRYBERG. [*Maps.*] Geologische Karte des Grossherzogthum's Baden. (Section Tryberg, *&c.*) [Scale 1 : 50,000, *i.e.* 1 m. = 1¼ in.] *See* BADEN, *Grand Duchy of.* Geologische Beschreibung der Umgebungen von Triberg, *&c.* 4⁰. 1872.

TRYBOM (FILIP) Trollsländor (Odonater), insamlade under Svenska Expeditionen till Jenisei, 1876. *pp. 21 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XV, afd. IV, no. 4. 8⁰. 1889 (1890).

Trybom (F.) Einige Bemerkungen über die Flügel der Physapoden. *See* HULTH (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Trybom (F.) Two new species of the genus *Euconaxius. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. 8⁰. 1904.

Trybom (F.) [Physapoda from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905-1906, *&c.* Bd. III, no. XVI. 4⁰. 1910.

Trybom (F.) Zwei neue Physapoden aus Madagaskar. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. II, hft. 5. 4⁰. 1910.

Trybom (F.) Physapoden, gesammelt von der Schwedischen Expedition nach dem Brittischen Ostafrika. *pp. 12. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. VII, no. 22. 8⁰. 1912.

Trybom (F.) Physapoden aus Natal und dem Zululande. *pp. 52 : 5 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. VII, no. 33. 8⁰. 1913.

TRYON (George Washington) [1838-1888] Publications of I. Lea on recent Conchology, *&c.* *pp. 13.* 4⁰. *Philadelphia*, 1861.

Extracted from Tryon's "List of American Writers on recent Conchology."

Tryon (G. W.) *See* American Journal of Conchology. Edited by G. W. Tryon. Vol. i-vii.† 8⁰. 1865-72.

Tryon (G. W.) A Monograph of the Fresh-Water Univalve Mollusca of the United States. (In continuation of . . . S. S. Haldeman's work, *&c.*) 4 Pt.† *pp. 238 : 17 pls. col.* 8⁰. *Philadelphia* [1870-71].

Tryon (G. W.) Land and Fresh-Water Shells of North America. Pt. iv. Strepomatidæ (American Melanians). *pp. lv, 435 : text illust.* *See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. xvi, art. 1. 8⁰. 1873.

For Pt. i, *See* Binney (W. G.) & Bland (T.); and for Pt. ii & iii, *See* Binney (W. G.)

Tryon (G. W.) Manual of Conchology; structural and systematic. (Continued by H. A. Pilsbry.) Vol. i-xvii. 8⁰. *Philadelphia*, 1879-98.

—— Second Series: Pulmonata. (Continued by H. A. Pilsbry.) Vol. i-> 8⁰. *Philadelphia*, 1885->

Tryon (G. W.) Structural and systematic Conchology: an introduction to the study of the Mollusca. 3 Vol. *illust. (col.)* 8⁰. *Philadelphia*, 1882-84.

Tryon (G. W.) & **Binney** (W. G.) The complete Writings of C. S. Rafinesque, *&c.* *See* Rafinesque-Schmaltz (C. S.) 8⁰. 1864.

TRYON (Henry) Report on Insect and Fungus pests. No. 1. *See* Queensland.—*Department of Agriculture.* 8⁰. 1889.

Tryon (H.) [Insecta of Bellenden-Ker.] *See* Queensland.—*Department of Agriculture.* Report of the Government Scientific Expedition to Bellenden-Ker Range, *&c.* 8⁰. 1889.

Tryon (H.)
List of Coleoptera collected in the St. Joseph River district of British New Guinea by . . . A. C. English.
List of Butterflies collected in British New Guinea . . . during . . . 1889-90.
See Queensland.—*Houses of Parliament.* Annual Report on British New Guinea, *&c.* 1889-90, Append. v. 4⁰. 1890.

Tryon (H.) Hemiptera collected in British New Guinea during 1890-91, *&c.* *See* Queensland.—*Houses of Parliament.* Annual Report on British New Guinea, *&c.* 1890-91, Appendix dd. 4⁰. 1892.

Tryon (H.) [Insecta of New Guinea.] *See* Thomson (J. P.) British New Guinea. Appendix iii. 8⁰. 1892.

Tryon (H.) Zoology of British New Guinea. Pt. ii. Hemiptera. *See* Brisbane.—Queensland Museum. Annals, *&c.* No. 2. 8⁰. 1892.

Tryon (H.) The Disease affecting the Orange Orchards of Wide Bay, and the Insect Pests prevalent therein. *pp. 17.* *See* Queensland.—*Department of Agriculture.* Bulletin. Second Series, No. 4. 8⁰. 1894.

Also issued with the "Annual Report" for 1893-4.

Tryon (H.) Gumming of Cane: being a report of an inquiry into the origin and nature of a disease affecting the Sugar-Cane in the Wide Bay and Burnett districts. *pp. 64.* *See* Queensland.—*Department of Agriculture.* 8⁰. 1895.

Also issued with the "Annual Report" for 1894-5.

Tryon (H.) Grub Pest of Sugar-Cane (*Lepidiota squamulata*) of the Mackay district. *See* Queensland. —*Department of Agriculture.* 8⁰. 1896.

Also issued with the "Annual Report" for 1895-6.

Tryon (H.) Note on a Fly, named the Buffalo Fly. *See* South Australia.—*Northern Territory.* Bulletin No. 1 a, Append. iv. 8⁰. 1912.

TSCHEPPE (Ferdinand) Chemische Untersuchung der Hanfblätter. Eine Inaugural-Dissertation, welche . . . vorlegt F. Tscheppe. *See* Schuebler (G.) 8⁰. 1821.

TSCHERMAK (Gustav von) [1836-] Grundriss der Mineralogie, *&c.* *pp. iv, 218 : text illust.* 8⁰. *Wien*, 1863.

Tschermak (G. von) Die Porphyrgesteine Oesterreichs aus der mittleren geologischen Epoche. *pp. vi, 281 : 3 pls.* 8⁰. *Wien*, 1869.

Tschermak (G. von) Mineralogische (und petrographische) Mittheilungen gesammelt von G. Tschermak. Jahrg. 1871-77 & Neue Folge, Jahrg. i-x. *See* Mineralogische und Petrographische Mittheilungen. 4⁰. & 8⁰. 1872-89.

Tschermak (G. von) Die Semmering-Fahrt.—Mit Zugrundelegung der von . . . G. Tschermak mitgetheilten geologischen Aufzeichnungen. Von . . . F. Toula. *See* Hauer (F. von) & Neumayr (M.) Führer zu den Excursionen der Deutschen Geologischen Gesellschaft, *&c.* v. 8⁰. 1877.

Tschermak (G. von) Lehrbuch der Mineralogie. *pp. ix, 589 : 2 pls. col., text illust.* 8⁰. *Wien*, 1881-84.

—— Dritte . . . Auflage. *pp. ix, 606 : 2 pls. col., text illust.* 8⁰. *Wien*, 1888-89.

—— Fünfte . . . Auflage. *pp. x, 609 : 2 pls. col., text illust.* 8⁰. *Wien*, 1897.

—— Sechste . . . Auflage. *pp. xii, 682 : 2 pls. col., text illust.* 8⁰. *Wien*, 1905.

Tschermak (G. von) Die mikroskopische Beschaffenheit der Meteoriten erläutert durch photographische Abbildungen. *pp. 24 [25] : 25 pls.* 4⁰. *Stuttgart*, 1883-85.

TSCHERMAKS MINERALOGISCHE UND PETROGRAPHISCHE MITTEILUNGEN. *See* Mineralogische und Petrographische Mittheilungen.

TSCHERNYSCHEW (Th.) *See* Chernuishev (Th. N.)

TSCHERSKI (J. D.) *See* Cherskiĭ (Ĭ. D.)

TSCHIERSKE (Paul) [1861-] Beiträge zur vergleichenden Anatomie und Entwicklungsgeschichte einiger Dryadeenfrüchte. Inaugural-Dissertation, *&c.* *pp. [iv,] 49.* 8⁰. *Halle a. S.*, 1887.

TSCHIHATSCHEFF (P. von) *See* Tchihatcheff (P. de).

TSCHIRCH (Wilhelm Oswald Alexander) [1856-] Untersuchungen über das Chlorophyll. *pp. [vi,] 155 : 3 pls.* 8⁰. *Berlin*, 1884.

Tschirch (W. O. A.) Angewandte Pflanzenanatomie. Ein Handbuch zum Studium des anatomischen Baues der . . . benutzten pflanzlichen Rohstoffe. Bd. i.† Allgemeiner Theil. Grundriss der Anatomie. *pp. xii, 548 : text illust.* 8⁰. *Wien & Leipzig*, 1889.

Tschirch (W. O. A.) Beiträge zur Kenntniss der Harzbildung bei den Pflanzen. *See* Giesenhagen (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

Tschirch (W. O. A.) Die Harze und die Harzbehälter. Historisch-kritische und experimentelle im Gemeinschaft mit zahlreichen Mitarbeitern ausgeführte Untersuchungen. *pp. viii, 417 : 6 pls. (1 col.)* 8⁰. *Leipzig*, 1900.

Tschirch (W. O. A.) & **Flueckiger** (F. A.) Grundlagen der Pharmacognosie, *&c.* *See* FLUECKIGER (F. A.) & TSCHIRCH (W. O. A.) 8⁰. 1885.

TSCHUDI (AD.) Die Blasenwürmer. Ein monographischer Versuch. *pp. 75 : 2 pls.* 4⁰. *Freiburg im Breisgau*, 1837.

TSCHUDI (FRIEDRICH VON) [1820–1886] Das Thierleben der Alpenwelt. Naturansichten und Thierzeichnungen aus dem Schweizerischen Gebirge . . . Neunte . . . Auflage. *pp. xv, 593 : 26 pls., 1 port.* 8⁰. *Leipzig*, 1872.
The first edition appeared in 1853.

TSCHUDI (JEAN BAPTISTE LOUIS THEODORE) *Baron* [1734–1784] Traité des Arbres résineux conifères, extrait et traduit de l'Anglois de Miller, avec des notes, observations & expériences par M. le Baron de Tschudi, *&c.* *See* MILLER (P.) 8⁰. 1768.

TSCHUDI (JOHANN JACOB VON) *Baron* [1818–1889] Monographie der Schweizerischen Echsen, *&c.* *pp. 42 : 2 pls. (col.)* *See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. I. 4⁰. 1837.

Tschudi (JOHANN J. VON) *Baron.* Classification der Batrachier, mit Berücksichtigung der fossilen Thiere dieser Abtheilung der Reptilien, *&c.* (Anhang [by J. L. R. Agassiz].) *pp. 99 (2) : 6 pls.* *See* NEUCHATEL. —SOCIÉTÉ DES SCIENCES NATURELLES. Mémoires, *&c.* Tom. II. 4⁰. 1839.

—— [Preprint.] fol. *Neuchâtel*, 1838.

Tschudi (JOHANN J. VON) *Baron.* Fauna Peruana. Aves. (Avium conspectus quæ in Republica Peruana reperiuntur et pleræque observatæ vel collectæ sunt in itinere.) [With descriptions of new genera by J. Cabanis.] *pp. 57.* 8⁰. [*Berlin*, 1844.]
Archiv f. Naturg. Jahrg. x, bd. I.
Some supplementary notes were published the following year in the same periodical (Jahrg. xi, bd. I).

Tschudi (JOHANN J. VON) *Baron.* Untersuchungen über die Fauna Peruana. 4 Pt. *illust. col.* 4⁰. *St. Gallen*, 1844–46.
Vorrede & Einleitung. *pp. xxx.*
Therologie. *pp. 262 : 18 pls. col.*
Ornithologie . . . mit Anmerkungen von J. Cabanis. *pp. 316 : 36 pls. col.*
Herpetologie. *pp. 80 : 12 pls. col.*
Ichthyologie. *pp. 35 : 6 pls.*
From reviews in "Isis" it appears that this work was issued in 12 parts as follows : — Lief. 1 & 2, Therol. *pp. 1–76 : pls. i–xii*, 1844 ; lief. 3–5, Therol. *pp. 77–244 : pls. xiii–xviii*, Ornith. *pls. i–xii*, 1845 ; lief. 6–12, Therol. *pp. 245–262*, Ornith. *text* and *pls. xiii–xviii*, with the whole of Herpetol. & Ichthyol., 1846. (C. D. SHERBORN : Index Anim. MS.)

Tschudi (JOHANN J. VON) *Baron.* Peru. Reiseskizzen . . . 1838–1842. 2 Bd. [in 1.] 8⁰. *St. Gallen*, 1846.

Tschudi (JOHANN J. VON) *Baron.* Die Kokkelskörner und das Pikrotoxin. Mit Benutzung von C. K. Vossler's hinterlassenen Versuchen. *pp. viii, 130.* 8⁰. *St. Gallen*, 1847.

Tschudi (JOHANN J. VON) *Baron.* [Winckell's Handbuch für Jäger und Jagdliebhaber. Herausgegeben von J. J. von Tschudi. Dritte . . . Auflage. 2 Bd. *See* WINCKELL (G. F. D. AUS DEM). 8⁰. 1858.]
Wanting.

—— Fünfte . . . Auflage. 8⁰. 1878.

Tschudi (JOHANN J. VON) *Baron.* Reise durch die Andes von Süd-Amerika, von Cordova nach Cobija, im Jahre 1858, *&c.* *pp. 38 : 1 map, text illust.* *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. I, no. 2. 4⁰. 1860.

Tschudi (JOHANN J. VON) *Baron.* Die Brasilianische Provinz Minas Geraes, *&c.* *pp. 42 : 1 map.* *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. III, no. 9. 4⁰, 1862.

Tschudi (JOHANN J. VON) *Baron.* Reisen durch Südamerika. 5 Bd. [in 3] *illust.* 8⁰. *Leipzig*, 1866–69.

TSCHUGUNOW (S.) *See* CHUGHUNOV (SERGHYEĬ MĪKHAĬLOVĪC).

TSCHUSI-SCHMIDHOFEN (VICTOR VON) Der Tannenheher (*Nucifraga caryocatactes*). Ein monographischer Versuch. *pp. iv, 31 : 2 pls.* 4⁰. *Dresden*, 1873.

Tschusi-Schmidhofen (V. VON) Die Vögel Salzburg's. Eine Aufzählung aller in diesem Lande bisher beobachteten Arten, mit Bemerkungen und Nachweisen über ihr Vorkommen. *pp. xxi, 90 [1].* 8⁰. *Salzburg*, 1877.

Tschusi-Schmidhofen (V. VON) *See* ORNITHOLOGISCHES JAHRBUCH . . . Herausgegeben von V. Ritter von Tschusi zu Schmidhoffen. Bd. I→ 8⁰. 1890→

TSIODJOUN (YNOUMA) *See* IINUMA (Y.)

TSOUNEMASSA (IWASAKI) *See* TSUNEMASA.

TSUNEMASA (IWASAKI) Honzo dzufu. [An illustrated treatise on Botany.] Vol. V–XCVI. *col. illust.* [8⁰. *Yedo*, 1828.]
A manuscript in Japanese. Vol. I–IV, XI & XII are non-extant : the first four were to have contained the preface, contents and list of works cited ; the last two appear to have been absorbed by an error of the original copyist in IX & X.
There is a printed edition extant of Vol. V–VIII, containing a little additional matter, marked outside I–IV. The illustrations in this edition are uncoloured.

TSVETT (M.) *See* TZVYET (M. S.)

TSYTOVITCH (XENIE DE) *Hecticoceras* du Callovien de Chézery. *pp. 84 : 8 pls., text illust.* *See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* (Vol. XXXVII.) 4⁰. 1911.

TUANO (JACOPO AUGUSTO) Il Falconiere di J. A. Tuano . . . dall' esametro Latino all' endecasillabo Italiano trasferito, ed interpretato. Coll' Uccellatura a vischio di P. Angelio Bargeo . . . Poemetto pur Latino, similmente tradotto, e commentato. Ozii, e ameni studii di G. P. Bergantini. *pp. [xxxvi,] 223, 50 [17] : 1 pl., 1 port.* 4⁰. *Venezia*, 1735.
Latin and Italian in parallel columns.

TUBERCLE BACILLUS. Reprints of three editorials regarding the priority in demonstrating the toxic effect of matter accompanying the Tubercle Bacillus and its nidus. *pp. 33.* 8⁰. [*Philadelphia* ? 1891.]
Extracted from the "Medical and Surgical Reporter," Sept. 6, 1890 and May 9, 1891 ; and the "American Naturalist," Feb. 1891.

TUBEUF (CARL VON) *Baron* [1862–] Beiträge zur Kenntniss der Baumkrankheiten. *pp. 61 : 5 pls.* 8⁰. *Berlin*, 1888.

Tubeuf (C. VON) *Baron.* Samen, Früchte und Keimlinge der in Deutschland heimischen, oder eingeführten forstlichen Culturpflanzen. Ein Leitfaden, *&c.* *pp. v, 154 : text illust.* 8⁰. *Berlin*, 1891.

Tubeuf (C. VON) *Baron.* *See* FORSTLICH-NATURWISSENSCHAFTLICHE ZEITSCHRIFT . . . Herausgegeben von . . . C. Freiherr von Tubeuf, *&c.* Jahrg. I–VII.† 8⁰. 1892–98.

Tubeuf (C. VON) *Baron.* Pflanzenkrankheiten durch kryptogame Parasiten verursacht, *&c.* *pp. xii, 599 : text illust.* 8⁰. *Berlin*, 1895.

Tubeuf (C. von) *Baron.* Diseases of Plants induced by Cryptogamic Parasites . . . English edition by W. G. Smith. *pp. xv, 598 : text illust.* 8⁰. *London, &c.*, 1897.

Tubeuf (C. von) *Baron.* Die Nadelhölzer, mit besonderer Berücksichtigung der in Mitteleuropa winterharten Arten, *&c. pp. vii, 164 : text illust.* 8⁰. *Stuttgart*, 1897.

TUBIÁ (José Fuset) Aves de Cataluña. *pp. 155 : text illust. See* Madrid.—real sociedad española de historia natural. Memorias, *&c.* Tom. vii, no. 6. 8⁰. 1912.

TUBILLA (Tomás Andrés y) *See* Andrés y Tubilla.

TUBINGEN.—Academia Tubingensis. *See* infra, Koenigliche Eberhard-Karls-Universitaet.

TUBINGEN.—Koenigliche Eberhard-Karls-Universitaet. [Founded 1477.]
Dissertatio . . . sistens characteristicen [*sic*] et descriptiones Cerealium in Horto Academico Tubingensi, *&c. See* Rode (J. L.) 8⁰. [1818.]

Tubingen.—K. Eberhard-Karls-Universitaet. Dissertatio . . . sistens descriptiones Plantarum novarum vel minus cognitarum Horti Botanici Academici Tubingensis, *&c. See* Schuez (J. C.) 8⁰. [1825.]

Tubingen.—K. Eberhard-Karls-Universitaet. Wegweiser durch den Botanischen Garten der K. Universität, *&c. See* Hochstetter (W.) 8⁰. 1860.

Tubingen.—K. Eberhard-Karls-Universitaet. Die Meteoriten der Tübinger Universitätsammlung. Geschenk des Freiherrn v. Reichenbach. [By F. A. Quenstedt.] *pp. 4.* 8⁰. *Tübingen*, 1871.

Tubingen.—K. Eberhard-Karls-Universitaet. Festschrift zur Feier des Vierhundertjährigen Jubiläums, *&c. See* Stuttgart.—verein fuer vaterlaendische naturkunde in wuerttemberg. Jahreshefte, *&c.* Jahrg. xxxiii, hft. 3. 4⁰. 1877.

Tubingen.—K. Eberhard-Karls-Universitaet. Untersuchungen aus dem Botanischen Institut . . . Herausgegeben von W. Pfeffer. Bd. i & ii.† 8⁰. *Leipzig*, 1881–88.

TUBINGEN.—Koenigliche Universitaet. *See* supra, Koenigliche Eberhard-Karls-Universitaet.

TUBINGEN.—Universitas Tubingensis. *See* supra, Koenigliche Eberhard-Karls-Universitaet.

TUBINGEN.—Vaterlaendische Gesellschaft der Aerzte und Naturforscher Schwabens. [Founded 1801.]
Denkschriften, *&c.* Bd. i.† 8⁰. *Tübingen*, 1805.

TUCCIMEI (Giuseppe) Alcuni Mammiferi fossili delle provincie Umbra e Romana. *pp. 68 : 7 pls.* 4⁰. *Roma*, 1891.
Mem. Pontif. Accad. Nuovi Lincei. Vol. vii.

TUCH (Joannes Augustus) [1797–] Descriptio osteologica capitis Myrmecophagæ jubatæ. Dissertatio inauguralis medica, *&c. pp. 22 : 2 pls.* 4⁰. *Berolini*, 1821.

TUCKER (Andrew G. C.) Ornithologia Danmoniensis; or, an history of the habits and economy of Devonshire Birds . . With an appendix, containing such British birds as are not ranked among those of Devon . . . Vol. i, no. 1 & 2†. *pp. lxxxviii : 6 pls. col.* 4⁰. *London*, 1809.
The text is a part of the Introduction only, and ends abruptly.

TUCKER (Elbert S.) New breeding records of the Coffee-Bean Weevil. *See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 64, pt. vii. 8⁰. 1909.

Tucker (E. S.) The Rice Water-Weevil, and methods for its control. *pp. 20 : text illust. See* United States. —*Department of Agriculture.—Entomology Division.* Circular No. 152. 8⁰. 1912.

TUCKERMAN (Edward) [1817–1886] Enumeratio methodica Caricum quarundam. Species recensuit et secundum habitum pro viribus disponere tentavit. *pp. 21.* 8⁰. *Schenectadiæ*, 1843.

Tuckerman (E.) An enumeration of North American Lichenes, with a preliminary view of the structure and general history of these Plants, and of the Friesian System : to which is prefixed an essay on the Natural Systems of Oken, Fries, and Endlicher. *pp. vi, 59.* 8⁰. *Cambridge* [*Mass.*], 1845.

Tuckerman (E.) A Synopsis of the Lichenes of New England, the other northern States, and British America. *pp. v, 93.* 4⁰. *Cambridge* [*Mass.*], 1848.
Reproduced from the "Proc. Amer. Acad. Arts & Sci.," Vol. i, with the addition of a title-page and preface.

Tuckerman (E.) [Lichens.] *See* Lea (T. G.) Catalogue of Plants . . . collected in the vicinity of Cincinnati, Ohio, during . . . 1834–44. 8⁰. 1849.

Tuckerman (E.) Catalogue of Lichens. *See* United States.—*Pacific Railroad Survey.* Reports, *&c.* Vol. vi. Report of explorations . . . from the Sacramento Valley to the Columbia River, *&c.* Pt. iii, no. 2, art. 4. 4⁰. 1857.

Tuckerman (E.) [Lichenes collected on the islands and shores of the Pacific Ocean.] *See* United States. [*Voyages, &c.—Wilkes Expedition.*] United States exploring expedition . . . 1838–42, under the command of C. Wilkes. Vol. xvii. fol. 1862.

Tuckerman (E.) Lichenes. *See* United States.—*Geological Exploration of the Fortieth Parallel.* Report, *&c.* Vol. v. 4⁰. 1871.

Tuckerman (E.) Genera Lichenum : an arrangement of the North American Lichens. *pp. xv, 281.* 4⁰. *Amherst*, 1872.

Tuckerman (E.) [Lichenes of Kerguelen Island.] *See* United States National Museum. Bulletin, *&c.* No. 3. Contributions to the natural history of Kerguelen Island, *&c.* Pt. ii. 8⁰. 1876.

—— [Another issue.] *See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. xiii, art. 3. 8⁰. 1876 (1878).

Tuckerman (E.) Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona . . . By J. T. Rothrock . . . and . . . E. Tuckerman. *See* United States. — *Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. vi, Botany, chap. 4. 4⁰. 1878.

Tuckerman (E.) List of Lichens collected in the vicinity of Annanactook Harbor, Cumberland Sound, *&c. See* United States National Museum. Bulletin, *&c.* No. 15. Contributions to the Natural History of Arctic America, *&c.* 8⁰. 1879.

—— [Another issue.] *See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. xxiii, art. 5. 8⁰. 1879 (1882).

Tuckerman (E.) A Synopsis of the North American Lichens, *&c.* 2 Pt. [in 1 Vol.] 8⁰. *Boston* (*& New Bedford, Mass.*), 1882–88.

TUCKETT (Francis Fox) [1834?–1913] Tour der Herren F. F. Tuckett, E. N. und H. E. Buxton in den Orteler-Alpen. *See* Mojsisovics von Mojsvár (J. A. G. E.) Aus dem Orteler-Alpen. 8⁰. 1865.

TUCKEY (James Kingston) [1776–1816] Narrative of an Expedition to explore the river Zaire, usually called the Congo . . . in 1816. To which is added the journal of Prof. [C.] Smith . . . and an appendix containing the natural history, *&c. pp. lxxxii, 498 : 13 pls., 1 map, text illust.* 4⁰. *London*, 1818.

The Appendix contains :—
II. Observations on the genus *Ocythoë* of Rafinesque, with a description of a new species. By W. E. Leach.
III. The distinguishing characters between the Ova of the Sepia, and those of the Vermes Testacea, that live in water explained. By Sir E. Home.
IV. A general notice of the Animals taken by . . . J. Cranch, during the Expedition.
V. Observations . . . on C. Smith's Collection of Plants from the vicinity of the River Congo. By R. Brown.
VI. [Letter on the rocks collected. By C. König.]

TUEMPEL (R.) Die Geradflügler Mitteleuropas, *&c. pp. [ii,] 308, 20 of labels : 23 pls. col., text illust.* 4⁰. *Eisenach* [1898–] 1901 [*i.e.* 1900].

Tuempel (R.) Pryamokruiluiya ī Lozhnosyetchatokruiluiya Rossiĭskom īmperiī . . . Sostavleno . . . po . . . R. Tümpel'yu, Die Geradflügler Mitteleuropas. *See* Yakobson (Gh. Gh.) & Biankī (V. L.) 4⁰. 1902–05.

TUERCKHEIM (Hans von) *Baron.* Enumeratio Plantarum Guatemalensium (imprimis a H. De Tuerckheim collectarum), *&c. See* Smith (J. D.) 8⁰. 1889–93.

TUFFIN (R.) & **Hanscomb** (A. E.) The Isle of Purbeck. The 'Handy Guide' to Swanage, Corfe Castle, Lulworth, Bindon Abbey, *&c.* (With Introduction by J. E. Panton. Geology of Swanage and the Isle of Purbeck. By H. Walker.) *pp. 57 : 8 pls.* 8⁰. *Swanage, &c.* (1885.)

TUFTS COLLEGE, *Mass. See* Medford.

TUGHARĪNOV (Arkadiĭ) Nyekotoruiya dannuiya dlya Botannicheskoĭ Gheoghrafiī Tzarītzuinskagho uyezda, Saratovskoĭ ghuberniī. — Einige Angaben zur botanischen Geographie des Zarizinschen Kreises, Gouvernement Saratow. *pp. 28. See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 211. 8⁰. 1901.

TUGHOLYESOV (A.) Īzotermīcheskiya poverkhnostī v Krīstallakh. [On isothermal surfaces in Crystals.] *pp. 35. See* Warsaw.—obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui zasyedaniĭ ī Trudui . . . Otdyeleniya Fīsikī ī Khīmiī. Ghod. ix (1898). 8⁰. 1906.

TUGWELL (George) [*c.* 1825–] A Manual of the Sea-Anemones commonly found on the English coast. *pp. [viii,] 123 : 7 pls. col.* 12⁰. *London*, 1856.

Tugwell (G.) [The North Devon Hand-book: being a guide to the topography . . . and an introduction to the natural history of the district. 12⁰. *London & Ilfracombe*, 1857.]

Wanting.

—— Second edition. *pp. x, 299 : 14 pls., 1 map.* 8⁰. *Ilfracombe* [186–].

Pt. III contains :—
1. Geological Memoir.
2. Botany. By T. F. Ravenshaw.
3. Animal Kingdom.

TULASNE (Charles) [1816–1884] [Cryptogams of Algeria.] *See* France [*Voyages, &c.—Algérie.*] Exploration scientifique de l'Algérie pendant . . . 1840–42, *&c.* Botanique. Tom. I. 4⁰. 1846–50 [–69].

Tulasne (C.) Fungi Hypogæi . . . par L. R. Tulasne . . . En collaboration, pour l'iconographie analytique, avec C. Tulasne. *See* Tulasne (L. R.) fol. 1851.

Tulasne (C.) & (Louis René) Selecta Fungorum Carpologia, *&c.* 3 Tom. *illust. See* Tulasne (L. R.) & (C.) fol. 1861–65.

TULASNE (Louis René) [1815–1885] [Cryptogams of Algeria.] *See* France. [*Voyages, &c.—Algérie.*] Exploration scientifique de l'Algérie pendant . . . 1840–42, *&c.* Botanique. Tom. I. 4⁰. 1846–50 [–69].

Tulasne (L. R.) Études d'Embryogénie Végétale. *pp. 117 : 5 pls.* 8⁰. [*Paris*, 1849.]

Ann. Sci. Nat. Bot. Sér. III, tom. XII.

Tulasne (L. R.) Antidesmata et Stilaginellas, novum Plantarum genus, recenset nonnullaque de eis affinibus adfert L. R. Tulasne. *pp. 87.* 8⁰. [*Paris*, 1851.]

Ann. Sci. Nat. Bot. Sér. III, tom. XV.

Tulasne (L. R.) Fungi Hypogæi. Histoire et monographie des Champignons Hypogés, par L. R. Tulasne, en collaboration, pour l'iconographie analytique, avec C. Tulasne. *pp. xix, 222 : 21 pls.* fol. *Parisiis*, 1851.

Tulasne (L. R.) L. R. Tulasne Monographia Podostemacearum. *pp. 208 : 13 pls. col.* 4⁰. *Paris*, 1852.

Arch. Mus. Hist. Nat. Paris. Tom. VI.

Tulasne (L. R.) Mémoire pour servir à l'histoire organographique et physiologique des Lichens. *pp. 225 : 16 pls.* 8⁰. *Paris*, 1852.

Ann. Sci. Nat. Bot. Sér. III, tom. XVII.

Tulasne (L. R.) Observations sur l'organisation des Trémellinées. *pp. 37 : 4 pls.* 8⁰. [*Paris*, 1853.]

Ann. Sci. Nat. Bot. Sér. III, tom. XIX.

Tulasne (L. R.) Mémoire sur l'Ergot des Glumacées. *pp. 56 : 4 pls.* 8⁰. [*Paris*, 1853.]

Ann. Sci. Nat. Bot. Sér. III, tom. XX.

Tulasne (L. R.) L. R. Tulasne . . . Monographia Monimiacearum. 4⁰. *Paris*, 1855.

Arch. Mus. Hist. Nat. Paris. Tom. VIII. *pp. 273–436 : 10 pls.*

Tulasne (L. R.) Podostemaceæ, Monimiaceæ, Antidesmeæ, Gnetaceæ. *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. IV, pt. 1. fol. 1855–63.

Tulasne (L. R.) & (C.) Selecta Fungorum Carpologia, ea documenta et icones potissimum exhibens quæ varia fructuum et seminum genera in eodem fungo simul aut vicissim adesse demonstrent, *&c.* 3 Tom. *illust.* fol. *Parisiis*, 1861–65.

TULK (Alfred) & **Henfrey** (A.) Anatomical Manipulation; or, the methods of pursuing practical investigations in Comparative Anatomy and Physiology. Also an introduction to the use of the Microscope, *&c. pp. xvi, 413 : text illust.* 8⁰. *London*, 1844.

TULLBERG (Otto Fridericus) [1802–1853] Ampelis cujus novas species . . . p. p. O. F. Tullberg, *&c. See* Thunberg (C. P.) 4⁰. [1823.]

TULLBERG (Sven Axel) Om lagerföljden i de Kambriska och Siluriska aflagringarne vid Röstånga. *pp. 18 : 1 map. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 41. 8⁰. 1880.

Tullberg (S. A.) Om *Agnostus*-arterna i de Kambriska aflagringarne vid Andrarum. *pp. 37, 1 tab. : 2 pls., 1 map. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 42. 4⁰. 1880.

Tullberg (S. A.) Ueber Versteinerungen aus den Aucellen-Schichten Novaja-Semljas, *&c. pp. 25 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. VI, no. 3. 8⁰. 1881.

Tullberg (S. A.) On the Graptolites described by Hisinger and the older Swedish authors, *&c. pp. 23 : 3 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. VI, no. 13. 8⁰. 1882.

Tullberg (S. A.) Förelöpande redogörelse för Geologiska Resor på Öland. *pp. 19. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 53. 8⁰. 1882.

Tullberg (S. A.) Skånes graptoliter . . . I. Allmän öfversigt öfver de Siluriska bildningarne i Skåne och jemförelse med öfriga kända samtidiga aflagringar. *pp. 44.* —— II. Graptolitfaunorna i *Cardiola*skiffern och *Cyrtograptus*skiffrarne. *pp. 43 : 4 pls., text illust. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 50 & 55. 4⁰. 1882–83.

Tullberg (S. A.) [For official publications in connection with the Survey] *See* SWEDEN.—*Sveriges Geologiska Undersökning.*

TULLBERG (TYCHO FREDRIK HUGO) [1842–] Om Skandinaviska Podurider af underfamiljen Lipurinæ. Akademisk afhandling, *&c. pp. 21.* 8⁰. *Upsala*, 1869.

Tullberg (T. F. H.) Sveriges Podurider, *&c. pp. 70 : 12 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. X, no. 10. 4⁰. 1872.

Tullberg (T. F. H.) *Neomenia*, a new genus of Invertebrate Animals, *&c. pp. 12 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. III, no. 13. 8⁰. 1875.

Tullberg (T. F. H.) Ueber die Byssus des *Mytilus edulis, &c. pp. 9 : 1 pl. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta . . . Volumen extra ordinem editum, *&c.*, no. 18. 4⁰. 1877.

Tullberg (T. F. H.) Studien über den Bau und das Wachsthum des Hummerpanzers und der Mollusken-schalen. *pp. 57 : 12 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIX, no. 3. 4⁰. 1882.

Tullberg (T. F. H.) Bau und Entwicklung der Barten bei *Balænoptera Sibbaldii, &c. pp. 36 : 7 pls. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. XI, no. 8. 4⁰. 1883.

Tullberg (T. F. H.) Ueber einige Muriden aus Kamerun. *pp. 66 : 4 pls. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. XVI, no. 12. 4⁰. 1893.

Tullberg (T. F. H.) Zur Anatomie des *Haplodon rufus. See* HULTH (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Tullberg (T. F. H.) Ueber das System der Nagethiere, eine phylogenetische Studie. *pp. 328. See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. XVIII. 4⁰. 1899.

Tullberg (T. F. H.) Das Labyrinth der Fische, ein Organ zur Empfindung der Wasserbewegungen. *pp. 25. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. IV, no. 15. 8⁰. 1903.

Tullberg (T. F. H.) Linnéporträtt. Vid Uppsala Universitets minnesfest på tvåhundraårsdagen af C. von Linnés födelse. Å Universitetets vägnar af T. Tullberg. *See* UPSALA.—KONGLIGA UNIVERSITETET. 4⁰. 1907.

Tullberg (T. F. H.) Zoologische Studien . . . T. Tullberg zum 65. Geburtstage gewidmet, *&c. See* WIRÉN (A.) *& others.* 4⁰. 1907.

TULLGREN (ALBERT) On the Spiders collected in Florida by . . . E. Lönnberg, 1892–93. *pp. 29 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVII, afd. IV, no. 1. 8⁰. 1901 (1902).

Tullgren (A.) Spiders collected in the Aysen Valley in South-Chile by . . . P. Dusen. *pp. 75 : 7 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVIII, afd. IV, no. 1. 8⁰. 1902 (1903).

Tullgren (A.) On some Hymenoptera Aculeata from the Cameroons, with an Appendix on some type-species of the genus *Scolia* and *Belenogaster* in the Royal Museum at Stockholm. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. *4 pls.* 4⁰. 1904.

Also styled "Beiträge zur Kenntnis der Insektenfauna von Kamerun." No. 24.

Tullgren (A.) On some species of the genus *Scolia* (s.l.) from the East-Indies, collected by C. Aurivillius. By A. Tullgren. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. 8⁰. 1904.

Tullgren (A.) Araneida from the Swedish Expedition through the Gran Chaco and the Cordilleras. *pp. 81 : 10 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. II, no. 19. 8⁰. 1905.

Tullgren (A.) Zur Kenntnis Schwedischer Coniopterygiden. *pp. 15 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 5. 8⁰. 1906.

Tullgren (A.) Chelonethiden aus Natal und Zululand. *See* WIRÉN (A.) *& others.* Zoologische Studien . . . T. Tullberg . . . gewidmet, *&c.* 4⁰. 1907.

Tullgren (A.) Contribution to the knowledge of the Spider Fauna of the Magellan Territories. *See* SWEDEN. [*Voyages, &c.—Magallanes, 1895–97.*] Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895–97, *&c.* Bd. II, no. 10. 8⁰. 1907.

Tullgren (A.) Ueber einige Arten der Famile Aleurodidæ. *pp. 18 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 26. 8⁰. 1907.

Tullgren (A.) Bidrag till kännedom om Sveriges Copeognather. *pp. 15 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. V, no. 8. 8⁰. 1909.

Tullgren (A.) Aphidologische Studien. I. *pp. 190 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. V, no. 14. 8⁰. 1909.

Tullgren (A.) [Chelonethi of southwestern Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. II, lief. 23. 8⁰. 1909.

Tullgren (A.) [Pedipalpi, Scorpiones, Solifugæ, Chelonethi and Araneæ from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. III, Arachnoidea, no. 1 & 6. 4⁰. 1910.

TULLY (W. ALCOCK) Queensland from the most recent surveys . . . Scale 16 . . . miles to one inch. 6 sh. *See* QUEENSLAND. [*Maps.*] 1881.

TULPIUS (NICOLAUS) [1593–1674] N. Tulpii . . . Observationes medicæ. Editio sexta, prioribus emendatior & auctior, cum oratione funebri . . . L. Wolzogeni, *&c. pp.* [*viii,*] *51* [*4,*] *392* [*7*] *: 18 pls., 1 port., engr. title.* 8⁰. *Lugduni Batavorum*, 1739.
The first edition appeared in 1641.
The plates are reckoned in the numeration of the pages.

TUNIS, *Regency of.*—CARTE GÉOLOGIQUE.
Étude Géologique de la Tunisie centrale, par L. Pervinquière. *pp. vii, 359 : 7 pls., 1 map geol. col., text illust.* 4⁰. *Paris*, 1903.

Tunis, *Regency of.*—CARTE GÉOLOGIQUE.
Études de Paléontologie Tunisienne. I. Céphalopodes des terrains Secondaires, par L. Pervinquière. *pp. iv,* [*ii,*] *438 : 27 pls., text illust.* 4⁰. *Paris*, 1907.

Tunis, *Regency of.*—CARTE GÉOLOGIQUE.
Étude de Paléontologie Tunisienne. II. Gastropodes et Lamellibranches des terrains Crétacés. Par L. Pervinquière. *pp. xiv, 352 : 23 pls., text illust.* 4⁰. *Paris*, 1912.

TUNIS, *Regency of.* [*Maps.*]
Carte de la Régence de Tunis. Échelle 1 : 400,000 [*i.e.* 1 in. = 6·3 m. about]. 2 sh. *Paris*, 1857.

Tunis, *Regency of.* [*Maps.*]
Carte Géologique provisoire de la Régence de Tunis, dressée par F. Aubert . . . Échelle 1 : 800,000 [*i.e.* 1 in. = 12⅔ m. about]. s.sh. *col. Paris*, 1892.

Tunis, *Regency of.* [*Maps.*]
Carte Géologique de la Tunisie, dressée et dessinée par J. Vanney. Échelle 1 : 500,000 [*i.e.* 1 in. = 8 m. about]. s.sh. *col. Tunis* [ ].

TUNMANN (OTTO) Pflanzenmikrochemie : ein Hilfsbuch beim mikrochemischen Studium pflanzlicher Objekte. *pp. xx, 631 : text illust.* 8⁰. *Berlin*, 1913.

TUNSTALL (MARMADUKE) [1743–1790] Ornithologia Britannica, *&c.* [By M. Tunstall.] *See* GREAT BRITAIN. fol. 1771.

Tunstall (M.) Tunstall's Ornithologia Britannica, *&c. See* WILLUGHBY SOCIETY. 8⁰. 1880.

TUNSTALL MUSEUM, afterwards the **Newcastle Museum.**
See NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, DURHAM AND NEWCASTLE-UPON-TYNE.

TUOMEY (MICHAEL) [1805–1857] Report on the Geology of South Carolina. *See* SOUTH CAROLINA, *State of.—Geological Survey.* 8⁰. 1848.

Tuomey (M.) [For official publications as State Geologist] *See* ALABAMA, *State of.—Geological Survey.*

TUOMIKOSKI (Y.) & **Rutherford** (*Sir* E.) Differences in the decay of the Radium emanation. *pp. 2. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs and Proceedings, *&c.* Vol. LIII, no. 12. 8⁰. 1909.

TUPAC AMARU, *Inca* [-1571] Account of the province of Vilcapampa, and a Narrative of the Execution of the Inca Tupac Amaru. By Capt. B. de Ocampo, *&c. See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, vol. XXII. History of the Incas, *&c.* 8⁰. 1907.

TUPPER (*Right Hon. Sir* CHARLES) *Bart., G.C.M.G.* [1821–] The Colonial and Indian Exhibition . . 1886. Official Catalogue of the Canadian Section. *See* LONDON.—*Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

—— Second edition. 8⁰. 1886.

TUPPER (JAMES PERCHARD) An Essay on the probability of Sensation in Vegetables ; with additional observations on instinct, sensation, irritability, etc. *pp. xii, 127.* 8⁰. *London*, 1811.

TURA (ĪVAN YAROSLAVOVĪCH)
O nyekotoruikh urodlīvuikh blastodermakh Tzuiplenka. [On some abnormal blastoderms of Chickens.] *pp. 6.*
O nachal'nom razvītiī Tzesarkī [On the early stages of development in the Guinea-fowl] (*Numida meleagris*, L.). *pp. 10.*
Ob odnom ghrafīcheskom metodye sravnītel'nagho īzucheniya Ptīch'īkh zaroduisheĭ. [On a graphic method for the comparative study of Avian embryos.] *pp. 4 : text illust.*
See WARSAW.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui . . . otdyelenie Biologhiī. Ghod. XII. 8⁰. 1902.

TURATI (EMILIO) *Count.* Lepidotteri del Museo Zoologico della R. Università di Napoli. Descrizione di forme nuove e note critiche. *pp. 31 : 1 text illust. See* NAPLES.—REGIA UNIVERSITÀ DEGLI STUDI. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. III, no. 18. 4⁰. 1911.

TURATI (ERCOLE) [1829–1881] Storia naturale degli Uccelli che nidificano in Lombardia ad illustrazione della raccolta Ornitologica dei fratelli E. ed E. Turati, *&c.* 2 Vol. *See* BETTONI (E.) fol. 1865–68 [–71].

TURATI (ERNESTO) Storia naturale degli Uccelli che nidificano in Lombardia ad illustrazione della raccolta Ornitologica dei fratelli E. ed E. Turati, *&c.* 2 Vol. *See* BETTONI (E.) fol. 1865–68 [–71].

TURCHANĪNOV (NĪKOLAĬ STEPANOVĪCH) [-1864] Flora Baicalensi-Dahurica, seu descriptio Plantarum in regionibus Cis- et Transbaicalensibus atque in Dahuria sponte nascentium. 2 Vol. 8⁰. *Mosque*, 1842–56.

Turchanīnov (N. S.) Decas (secunda—septima) generum Plantarum hucusque non descriptorum (adjectis descriptionibus nonnullarum specierum). 6 Pt. *illust.* 8⁰. (*Mosquæ,*) [1843–] 1852.
Bull. Soc. imp. Nats. Moscou. Tom. XVI, XIX–XXII & XXV.
An eighth decade appeared in Tom. XXXV, 1862.

Turchanīnov (N. S.) Asclepiadeæ aliquæ (quædam hucusque) indescriptæ. 2 Pt. 8⁰. (*Mosquæ,*) [1848–] 1852.
Bull. Soc. imp. Nats. Moscou. Tom. XXI & XXV.

Turchanīnov (N. S.) Synanthereæ quædam hucusque indescriptæ. 2 Pt. *illust. col.* 8⁰. [*Moscow*, 1850–51.]
Bull. Soc. imp. Nats. Moscou. Tom. XXIII & XXIV.

Turchanīnov (N. S.) Papilionaceæ podalyrieæ et Loteæ Australasicæ nonnullæ, hucusque non descriptæ. *pp. 40.* 8⁰. *Mosquæ*, 1853.
Bull. Soc. imp. Nats. Moscou. Tom. XXVI.

Turchanīnov (N. S.) Animadversiones ad primam partem Herbarii Turczaninowiani, nunc Universitatis Cæsareæ Charkowiensis. *pp. 102.* 8⁰. *Mosquæ*, 1854.
Bull. Soc. imp. Nats. Moscou. Tom. XXVII.
Further parts appeared in Tom. XXXI & XXXII.

Turchanīnov (N. S.) Verbenaceæ et Myoporaceæ nonnullæ, hucusque indescriptæ. *pp. 35.* 8⁰. *Mosquæ*, 1863.
Bull. Soc. imp. Nats. Moscou. Tom. XXXV.

TURCZANINOW (Nicolaus)
See Turchanînov (N. S.)

TURGOT (Étienne François) *Marquess* [1721–1789]
Mémoire . . . sur la manière de rassembler, de préparer, de conserver, et d'envoyer les divers curiosités d'Histoire naturelle, *&c.* [By E. F. Turgot.] *See* Mémoire, *&c.* 8⁰. 1758.

TURIN.—*Mostra Generale Italiana, 1884.*
Monografia Litologica Vicentina illustrazione per la raccolta delle pietre naturali della provincia di Vicenza esposta nella Mostra Generale Italiana in Torino, 1884. *See* Monte (G. Dal). 8⁰. [1884.]

TURIN.—*Museum di Zoologia ed Anatomia Comparata.*
See infra, Regia Università, *&c.*—*Museo Zoologico.*

TURIN.—*Orto Botanico.*
See infra, Regia Università, *&c.*—*Orto Botanico.*

TURIN.—*Regio Museo Mineralogico.*
See infra, Regia Università, *&c.*—*Museo Mineralogico.*

TURIN.—*Regius Hortus Botanicus Taurinensis.*
See infra, Regia Università, *&c.*—*Orto Botanico.*

TURIN.—Académie Impériale des Sciences, Littérature et Beaux-Arts.
See infra, Reale Accademia delle Scienze.

TURIN.—Académie Royale des Sciences.
See infra, Reale Accademia delle Scienze.

TURIN.—Club Alpino Italiano.
See Club Alpino Italiano.

TURIN.—Reale Accademia delle Scienze.
[1757 Founded as *Societas Privata Taurinensis.*
1759 *Société Royale de Turin.*
1783 *Académie Royale des Sciences de Turin.*
1801 *Académie des Sciences de Turin.*
1803 *Académie des Sciences, Littérature et Beaux-Arts de Turin.*
1805 *Académie Impériale des Sciences, Littérature et Beaux-Arts de Turin.*
1814 *Académie Royale des Sciences de Turin.*
1815 *Reale Accademia delle Scienze di Torino.*]

Miscellanea Philosophico-Mathematica, *&c.* Tom. I. 4⁰. *Augustæ Taurinorum*, 1759.

[*Continued as :*]

Mélanges de Philosophie et de Mathématique . . . pour les années 1760–61 (–73). Tom. II–V. 4⁰. *Turin* [1762–76 ?].

[*Continued as :*]

Mémoires, *&c.* 1784–91. Tom. I–V. [= Tom. VI–X of the whole Series.] 4⁰. *Turin*, 1786–93.

[*Continued as :*]

Mémoires, *&c.* 1792–1800. Tom. VI. [= Tom. XI of the whole Series.] 4⁰. *Turin*, 1801.

[*Continued as :*]

Mémoires, *&c.* Ann. X & XI. [= Tom. XII & XIII of the whole Series.] 4⁰. *Turin*, 1803–An XII [1804].

[*Continued as :*]

Mémoires, *&c.* Ann. XII–1812. [= Tom. XIV–XXI of the whole Series.] 4⁰. *Turin*, 1805–13.

[*Continued as :*]

Mémoires, *&c.* 1813–14. Tom. XXII. 4⁰. *Turin*, 1816.

—— Indice . . . 1759–1814. [Tom. I–XXII.]
From this date forwards each Tom. is in three separately-paged parts.

[*Continued as :*]

Memorie, *&c.* Tom. XXIII–XL. 4⁰. *Torino*, 1818–38.

—— Indice, *&c.* [Tom. XXIII–XXXII.]

—— —— [Tom. XXXIII–XL.]

—— Seconda Serie. Tom. I→ 4⁰. *Torino*, 1839→
Decennial general Indexes have been issued with each tenth volume.

Turin.—Reale Accademia delle Scienze.
Histoire & Mémoires . . . traduits par feu M. Paul, *&c.* *See* Collection Académique, *&c.* Partie Étrangère, Tom. XIII. 4⁰. 1779.

Turin.—Reale Accademia delle Scienze.
Atti, *&c.* Vol. I–XLII. 8⁰. *Torino*, 1866–1907.
Decennial general Indexes were issued with each tenth volume.

—— Classe di Scienze fisiche, matematiche e naturali. Vol. XVII→ 8⁰. *Torino*, 1881→
This set is formed by re-issuing papers that have appeared in the preceding, and Vol. XVII is the first.

Turin.—Reale Accademia delle Scienze.
Il primo secolo della R. Accademia . . . Notizie storiche e bibliografiche. (1783–1883.) 4⁰. *Torino*, 1883.
The Bibliographical portion consists of indexes, both under authors and subjects, of the whole of the Academy's publications up to that date.

TURIN.—Reale Accademia di Medicina.
Dei Funghi sospetti e velenosi del territorio Senese, *&c.* *See* Valenti-Serini (F.) obl. 4⁰. 1868.

TURIN.—Regia Università degli Studi di Torino. [Founded 1412.]—*Museo Geologico.*
Catalogo ragionato dei Fossili Nummulitici d'Egitto della raccolta del . . . Museo, *&c.* *See* Bellardi (L.) 4⁰. 1854.

Turin.—Regia Università degli Studi di Torino.
—*Museo Mineralogico.*
Catalogue raisonné de la Collection Minéralogique du Musée, *&c.* *See* Borson (S.) 8⁰. 1830.

Turin.—Regia Università degli Studi di Torino.
—*Museo Zoologico.*
Bollettino dei Musei di Zoologia ed Anatomia Comparata della R. Università, *&c.* Vol. I→ 8⁰. *Torino*, 1886→

Turin.—Regia Università degli Studi di Torino.
—*Orto Botanico.*
Catalogus Plantarum . . . Horti, *&c.* [Compiled by J. Biroli.] *pp.* [*vi,*] *86.* 8⁰. *Augustæ Taurinorum*, 1815.

Turin.—Regia Università degli Studi di Torino.
—*Orto Botanico.*
Catalogus Stirpium quæ aluntur in . . . Horto, *&c.* [Compiled by C. Capelli.] *pp. 67.* 8⁰. *Augustæ Taurinorum*, 1821.

Turin.—Regia Università degli Studi di Torino.
—*Orto Botanico.*
Illustrationes rariorum Stirpium Horti Botanici, *&c.* *See* Moris (G. G.) 4⁰. [1833.]

Turin.—Regia Università degli Studi di Torino.
—*Orto Botanico.*
Enumeratio Seminum . . . Horti . . . anno 1860. [Compiled by J. H. Moris.] *pp. 32.* 8⁰. (*Augustæ Taurinorum*, 1860.)

—— Anno 1885. [Compiled by G. Gibelli.] 8⁰. (*Augustæ Taurinorum*, 1885.)

TURIN.—Societas Privata Taurinensis.
See supra, Reale Accademia delle Scienze.

TURIN.—Société Royale.
See supra, Reale Accademia delle Scienze.

TURIN.—Università di Torino.
See supra, Regia Università degli Studi, *&c.*

TURKESTAN. [*Maps.*]
Turkestan and the countries between the British and the Russian dominions in Asia . . . Scale 1 in. = 32 m., or 1 : 2,027,520. [Sixth edition.] 4 sh. *col. Dehra Dun*, 1883.
Compiled and issued by the Surveyor-General of India.

Turkestan. [*Maps.*]
Gheologhicheskaya Karta Turkestanskagho Kraya sostavlennaya v 1881 ghodu ghornuimī īnzhenerami Gh. D. Romanovskīm ī Ī. V. Mushketovuim. [Scale 1 in. = 19¼ m. about.] 6 sh. *col.* [*St. Petersburg ?*] 1884.

TURKEY, *in Asia.* [*Maps.*]
Carte de la Turquie d'Asie . . . dressée par le Colonel Lapie (Routes des Voyageurs botanistes), *&c.* [Scale 1 in. = 56 m. about.] 4 sh. *See* JAUBERT (H. F.) *Count* & SPACH (E.) Illustrationes Plantarum Orientalium, *&c.* Vol. v. 1842.

Turkey, *in Asia.* [*Maps.*]
Nouvelle carte générale des provinces Asiatiques de l'Empire Ottoman (sans l'Arabie), dressée par H. Kiepert . . . À l'échelle de 1 : 1,500,000 [*i.e.* 1 in. = 23$\frac{7}{10}$ m. about]. (Aperçu général de la division administrative des provinces, *&c.* 1 sheet.) 7 sh. *Berlin*, 1884.

TURNBULL (ALEXANDER) On the medical properties of the natural order Ranunculaceæ : and more particularly on the uses of Sabadilla seeds, *Delphinium Staphisagria*, and *Aconitum Napellus*, *&c.* *pp. viii, 171.* 8⁰. *London*, 1835.

TURNBULL (WILLIAM PATERSON) The Birds of east Pennsylvania and New Jersey. *pp. x, 62 : text illust.* 4⁰. *Glasgow*, 1869.
Privately printed.

TURNEBUS (ADRIANUS) [1512–1565] Annotationes et emendationes in Varronis libros de lingua Latina, *&c.* *pp. 38.* *See* VARRO (M. T.) M. T. Varronis Opera omnia quæ extant, *&c.* 8⁰. 1619.

Turnebus (A.) Aristotelis Opera omnia . . . Græce & Latine veterum ac recentiorum interpretum, ut A. Turnebi . . . studio emendatissima, *&c.* *See* ARISTOTLE. [*Works.*] fol. 1629.

TURNEFORTIUS (JOSEPHUS PITTON)
See TOURNEFORT (J. P. DE).

TURNER (A.) [Die Geologie der primitiven Formationen. Theorie der primären Entwicklungsstadien des Erdkörpers. 8⁰. *Leipzig*, 1880.]
Wanting.
Abhandl. Senckenb. Naturf. Gesell. Frankfurt a. M. Bd. XII.

—— Dritte . . . Auflage. *pp. vi, 88.* 8⁰. *Leipzig*, 1886.

Turner (A.) Das Problem der Krystallisation. *pp. vii, 98 : 26 pls. (col.)* 8⁰. *Leipzig*, 1897.

TURNER (A. J.) The Xyloryctidæ of Queensland. *pp. 32.* *See* BRISBANE.—*Queensland Museum.* Annals, *&c.* No. 4. 8⁰. 1897.

TURNER (C.) The Florist [edited 1852–61 by C. Turner]. *See* FLORIST AND POMOLOGIST, *The.* 8⁰. 1852–61.

TURNER (CHARLES HAMPDEN) Description d'une Collection de Minéraux formée par M. H. Heuland, et appartenant à M. C. H. Turner, *&c.* *See* LÉVY (A.) 8⁰. & fol. 1837.

TURNER (DAWSON) [1775–1858] A Synopsis of the British Fuci. 2 Vol. [in 1.] *pp. xlvi, 400.* 8⁰. *Yarmouth*, 1802.
Vol. I is interleaved, and has numerous manuscript notes by the author, a lithographed portrait of whom, from a drawing by Miss H. S. Turner, has been inserted.

Turner (D.) Muscologiæ Hibernicæ Spicilegium. *pp. xi, 200, xiv : 16 pls. col.* 8⁰. *Yermuthæ & Londini*, 1804.
The original drawings for the plates by J. De C. Sowerby [*q. v.*] are kept in the Botanical Department.

Turner (D.) Fuci, sive Plantarum Fucorum generi a botanicis ascriptarum icones descriptiones et historia. — Fuci ; or coloured figures and descriptions of the Plants referred by botanists to the genus *Fucus.* 4 Vol. [in 2.] *illust. col.* 4⁰. *London*, 1808–19.

Turner (D.) Extracts from the Literary and Scientific Correspondence of R. Richardson . . . illustrative of the state and progress of Botany [Edited, with a preface, by D. Turner. — Memoir by Mrs. D. Richardson], *&c.* *pp. lxvi, 451.* 8⁰. *Yarmouth*, 1835.

Turner (D.) & **Borrer** (W.) *Botanist.* Specimen of a Lichenographia Britannica ; or an attempt at a history of the British Lichens. *pp. ii, 240 [8].* 4⁰. *Yarmouth*, 1839.
"Imperfect. For private circulation only."

Turner (D.) & **Dillwyn** (L. W.) The Botanist's Guide through England and Wales. 2 Vol. [in 1.] *pp. xvi, 804.* 8⁰. *London*, 1805.

Contributions to the Flora of Cumberland, to which are added remarks on the Lists of Plants published . . . in Turner and Dillwyn's Botanist's Guide through England and Wales. *See* WINCH (N. J.) 4⁰. 1833.

TURNER (FREDERICK) The Forage Plants of Australia. *See* NEW SOUTH WALES.—*Department of Agriculture.* 8⁰. 1891.

TURNER (GODFREY WORDSWORTH) Official Guide. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* 16⁰. 1883.

TURNER (HENRY J.) [Birds of west Woolwich and west Kent.] Compiled by H. J. Turner. *See* SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. A Survey and Record of Woolwich and West Kent, *&c.* Zoology. 8⁰. 1909.

TURNER (JAMES ASPINALL) [1797–1867] Remarks on the Linnæan orders of Insects, forming a short . . . Introduction to the study of Entomology. By a member of the Manchester Natural History Society [*i.e.* J. A. Turner], *&c.* *See* LINNÆUS (C.) [*Zoological Works.*] [*Appendix.*] 4⁰. 1828.
The plates which illustrate the work are drawn on stone, from Nature, by Mrs. J. A. Turner.

TURNER (ROBERT) [fl. 1640–1687] ΒΟΤΑΝΟΛΟΓΙΑ. The Brittish Physician : or, The Nature and Vertues of English Plants. Exactly describing such Plants as grow naturally in our Land, with their several names . . . places where they grow, times when they flourish, and are most proper to be gathered, *&c.* *pp.* [*xii,*] *363* [*20*] *: 1 port.* 8⁰. *London*, 1664.

TURNER (ROWLAND EDWARDS) Hymenoptera. Fam. Thynnidæ. *pp. 62 : 4 pls. (col.)* *See* WYTSMAN (P. A. G.) Genera Insectorum. Hymenoptera. Fasc. 105. 4⁰. 1910.

TURNER (SAMUEL) [1749 ?–1802] An Account of an Embassy to the court of the Teshoo Lama, in Tibet ; containing a narrative of a journey through Bootan, and part of Tibet . . . To which are added . . . observations botanical, mineralogical, and medical, by . . . R. Saunders. *pp. xxviii, 473 : 13 pls., 1 map.* 4⁰. *London*, 1800.

TURNER (W. T.) Las Lagunas de Huarochirí y su futuro ensanche. *pp. 47 : 4 pls., 21 maps (col.)* *See* PERU.—*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 60. 8⁰. 1908.

TURNER (WILLIAM) *Botanist, Dean of Wells* [c. 1515–1568] [Libellus de re Herbaria novus, in quo Herbarum aliquot nomina Greca, Latina, & Anglica habes una cum nominibus officinarum, *&c. foll. 8.* 4⁰. *Londini*, 1538.]
Wanting.

—— Reprinted in facsimile, with notes, modern names, and a Life of the author by B. D. Jackson. *pp. xii, xviii* [*20,*] *12.* 4⁰. *London*, 1877.
Privately printed.

Turner (WILLIAM) *Botanist.* [Avium precipuarum, quarum apud Plinium et Aristotelem mentio est, brevis & succincta historia, *&c.* 8⁰. *Coloniæ*, 1544.]
Wanting.

Turner on Birds: a short and succinct history of the principal Birds noticed by Pliny and Aristotle, first published . . . 1544. Edited, with introduction, translation, notes, and appendix, by A. H. Evans. *pp. xviii, 223.* 8⁰. *Cambridge*, 1903.

Turner (WILLIAM) *Botanist.* The [na]mes of Herbe[s in] Greke, Latin, Engli[she], Duche & Frenche, wyth the commune names that Herbaries and Apotecaries use. Gathered by W. Turner. [*pp. 124.*] 12⁰. *London* (1548).
Title-page damaged.

—— [Another edition] edited (with an introduction, an index of English names, and an identification of the Plants . . .) by J. Britten. *pp. vii, 134.* 8⁰. *London*, 1881.

Turner (WILLIAM) *Botanist.* A new Herball, wherin are conteyned the names of Herbes in Greke, Latin, Englysh, Duch, Frenche, and in the Potecaries and Herbaries Latin, with the properties, degrees and naturall places of the same, gathered and made by W. Turner. fol. *London*, 1551.
93 leaves, without pagination, having 49 lines to a full page. The sections are in threes, except Sigs. B & P, which are in fours.

Turner (WILLIAM) *Botanist.* The first and seconde partes of the Herbal of W. Turner . . . corrected and enlarged with the Thirde parte, lately gathered, and now set oute with the names of the Herbes in Greke, Latin, English, Duche, Frenche, and in the Apothecaries and Herbaries Latin, with the properties, degrees, and naturall places of the same. Here unto is joyned also a Booke of the bath of Baeth in England, and of the vertues of the same, with diverse other bathes, *&c. foll.* [*4,*] *171* [*2, 4*], *pp. 81, foll.* [*4,*] *1746.* fol. *Collen*, 1568.
BLACK LETTER. The sections are in threes, except Sig. C, which is in fours.
Bound in at the end is a copy of Braunschweig's "Most excellent . . . homish Apothecarye," *&c.* [*q.v.*]
There are a number of manuscript notes.

TURNER (WILLIAM) *Minister at Newcastle-on-Tyne.* An introductory Address, delivered . . . at the first meeting of the . . . Society, *&c.* *See* NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, DURHAM, AND NEWCASTLE-UPON-TYNE. 8⁰. 1829.

TURNER (*Sir* WILLIAM) *K.C.B.* [1832–] *See* JOURNAL OF ANATOMY AND PHYSIOLOGY, *The*: conducted by . . . W. Turner, *&c.* Vol. I→ 8⁰. 1867→

Turner (*Sir* WILLIAM) *K.C.B.* Report on the bones of Cetacea collected during the Voyage, *&c. pp. 45: 3 pls. See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. IV) Vol. I. 4⁰. 1880.

Turner (*Sir* WILLIAM) *K.C.B.* Report on the Human crania and other bones of the skeletons collected during the Voyage, *&c.* 2 Pt. *illust. See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. XXIX) Vol. X & (Pt. XLVII) Vol. XVI. 4⁰. 1884, 86.

Turner (*Sir* WILLIAM) *K.C.B.* Scientific Papers and Addresses by G. Rolleston . . . Arranged and edited by W. Turner, *&c.* 2 Vol. *See* ROLLESTON (G.) 8⁰. 1884.

Turner (*Sir* WILLIAM) *K.C.B.* Report on the Seals collected during the Voyage, *&c. pp. 240: 10 pls., text illust. See* GREAT BRITAIN & IRELAND. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. LXVIII) Vol. XXVI. 4⁰. 1888.

Turner (*Sir* WILLIAM) *K.C.B.* The Marine Mammals in the Anatomical Museum of the University of Edinburgh. Part I. Cetacea. Part II. Sirenia. Pt. III. Pinnipedia. *pp. xv, 207: 17 pls., text illust.* 8⁰. *London*, 1912.

TURNER (WILLIAM BARWELL) Algæ aquæ dulcis Indiæ orientalis. The fresh-water Algæ (principally Desmidieæ) of East India. *pp. 187: 23 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXV, no. 5. 4⁰. 1892.

TURNER (WILLIAM JOHN) Map of Persia (—Persia, Afghanistan and Beluchistan . . . Natural scale 1 : 3,810,000 = 60 miles to an inch), with a Memorandum and Index. Prepared . . . under the supervision of the Hon. G. Curzon . . . by W. J. Turner. *See* ROYAL GEOGRAPHICAL SOCIETY. 8⁰. & s.sh. *col.* (1891 &) 1892.

TURNER (WILLIAM WADDEN) [1810–] Report upon the Indian Tribes, by . . . A. W. Whipple . . . and W. W. Turner. *See* UNITED STATES.—*Pacific Railroad Survey.* Reports, *&c.* Vol. III. Report of explorations . . . near the thirty-fifth parallel, *&c.* Pt. III. 4⁰. 1855 (1857).

TURNER-TURNER (J.) Three years hunting and trapping in America and the Great North-West, *&c. pp. viii, 182: 1 port., 2 maps, text illust.* 8⁰. *London*, 1888.

TURNERETSCHER (GOTTLIEB MARKTANNER) *See* MARKTANNER-TURNERETSCHER.

TURPIN (FRANÇOIS HENRI) [1709–1799] Histoire civile et naturelle du royaume de Siam . . . jusqu'en 1770, *&c.* 2 Tom. 12⁰. *Paris*, 1771.

Turpin (F. H.) History of Siam. *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. IX. 4⁰. 1811.

TURPIN (PIERRE JEAN FRANÇOIS) [1775–1840] Traité des Arbres Fruitiers . . . Nouvelle édition . . . par . . . P. J. F. Turpin, *&c.* 6 Tom. *illust. col. See* DUHAMEL DU MONCEAU (H. L.) fol. (1807–) 1835.

Turpin (P. J. F.) Flore Médicale . . . peinte par . . . P. J. F. Turpin, *&c.* 7 Tom. *See* CHAUMETON (F. P.) 8⁰. 1814–20.

Turpin (P. J. F.) *See* DICTIONARIES. Dictionnaire des Sciences naturelles, *&c.* Planches. 8⁰. 1816–29.

Turpin (P. J. F.) Mémoire sur l'inflorescence des Graminées et des Cypérées, comparée avec celle des autres végétaux sexifères; suivi de quelques observations sur les disques, *&c. pp. 67: 2 pls.* 4⁰. [*Paris*, 1819.]
Mém. Mus. Hist. Nat. Paris. Tom. v.
Presentation copy from the author to Robt. Brown, accompanied by an autograph letter.

Turpin (P. J. F.) Essai d'une Iconographie élémentaire et philosophique des Végétaux, avec un texte explicatif. *See* CHAUMETON (F. P.) Flore Médicale, *&c.* Tom. VII. 8⁰. 1820.

—— [Another issue.] *See* POIRET (J. L. M.) Leçons de Flore, *&c.* Tom. III. 8⁰. 1820.
This work also appeared as an independent publication.
The plates were re-issued in A. Richard's "Iconographie Végétale," *&c.* [*q.v.*]

Turpin (P. J. F.) Icones selectæ Plantarum ... a P. J. F. Turpin delineatæ, *&c.* Vol. I & II. *See* DELESSERT (B.) *Baron.* 4⁰. 1820–46.

Turpin (P. J. F.) Flora Brasiliæ Meridionalis ... accedunt tabulæ delineatæ a Turpinio ærique incisæ, *&c.* Tom. I. *See* SAINT HILAIRE (A. F. C. P. DE) *& others.* fol. 1825.

Turpin (P. J. F.) Mémoire sur l'organisation ... des tubercules du *Solanum tuberosum* et de l'*Helianthus tuberosus*, considérés comme une véritable tige souterraine, et sur un cas particulier de l'une de ces tiges. *pp. 56 : 5 pls.* 4⁰. [*Paris*, 1830.]
Mém. Mus. Hist. Nat. Paris. Tom. XIX.

Turpin (P. J. F.) Observations sur la famille des Cactées, suivies de la description d'une espèce nouvelle d'*Echinocactus* et de celle du *Rhipsalis parasitica. pp. 69 : 3 pls.* 8⁰. *Paris*, 1830.
Ann. Inst. Horticole Fromont.

Turpin (P. J. F.) Mémoire sur le Zolkoua, *Planera crenata* [with a description of the Plant by P. J. F. Turpin], *&c.* *See* MICHAUX (F. A.) 8⁰. 1831.

Turpin (P. J. F.) Analyse microscopique de l'œuf du Limaçon des Jardins (*Helix aspersa*, Linn.) et des nombreux cristaux rhomboèdres de carbonate de chaux qui se forment à la paroi intérieure de l'enveloppe extérieure de cet œuf, *&c.* *pp. 32 : 1 pl.* 8⁰. *Paris*, 1832.
Ann. Sci. Nat. Tom. XXV.

Turpin (P. J. F.) Examen d'une chloranthie, ou monstruosité observée sur l'inflorescence du Saule Marceau. *pp. 13 : 1 pl.* 8⁰. (*Paris,*) 1833.
Ann. Soc. Hort. Paris. Tom. XIII.

Turpin (P. J. F.) Sur un cas de Pathologie Végétale, globuline malade, *&c.* *pp. 11.* 8⁰. [*Paris,*] 1833.
Ann. Inst. Horticole Fromont.

Turpin (P. J. F.) Œuvres d'histoire naturelle de Goethe ... Atlas ... accompagnées d'une ... esquisse d'Organographie Végétale, par P. J. F. Turpin. *See* GOETHE (J. W. VON). fol. 1837.

Turpin (P. J. F.) Iconographie Végétale, ou organisation des Végétaux, illustrée ... par P. J. F. Turpin ... Avec ... une notice biographique sur M. Turpin, *&c.* *See* RICHARD (A.) 4⁰. 1841.
The plates are a re-issue of those in Turpin's "Essai d'une Iconographie ... des Végétaux," *&c.* [*q.v.* supra].

TURRA (ANTONIUS) [1730–1796] *Farsetia*, novum Plantæ genus, *&c.* *pp. 7 : 1 pl.* 8⁰. *Venetiis*, 1765.

TURRE (GEORGIUS A) [Catalogus Plantarum Horti (Gymnasii) Patavini novo incremento locupletior, *&c.* 24⁰. *Patavii*, 1660.]
Wanting.

—— [Another edition.] *pp.* [*viii,*] *132.* 24⁰. *Patavii*, 1662.

Turre (G. A) Dryadum, Amadryadum, Cloridisq; triumphus, ubi Plantarũ universa natura spectatur, affectiones expenduntur, facultates explicantur, *&c.* *pp.* [*xxvi,*] *709* [*87*]*: 1 port., engr. title.* fol. *Patavii*, 1685.
The half-title reads :—"G. a Turre Historia Plantarum."

TURSÉN (ERLAND ZACHARIAS) Dissertatio ... de *Anandria*, quam ... sistit ... E. Z. Turzén, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1745.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi ... Amœnitates Academicæ, *&c.* Vol. I, no. 9. 8⁰. 1749.

—— —— [Another edition.] Vol. I [no. 6]. 8⁰. 1749.

—— —— Editio tertia. Vol. I, no. 9. 8⁰. 1787.

Tursén (E. Z.) Von dem mannlosen Huflattig. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. III, no. 3. 8⁰. 1778.

TURTON (WILLIAM) [1762–1835] A general System of Nature ... Translated from Gmelin's last edition of the Systema Naturæ ... Amended and enlarged ... By W. Turton. 4 Vol. *See* LINNÆUS (C.) [*Systema Naturæ.*] 8⁰. 1802.

—— [Another edition.] With a Life of Linné, *&c.* 7 Vol. 8⁰. 1806.

Turton (W.) [A History of the Earth and Animated Nature ... with corrections and additions by W. Turton ... A new edition, *&c.* 6 Vol. *See* GOLDSMITH (O.) 8⁰. 1805.]
Wanting.

—— [Another edition.] 6 Vol. 8⁰. 1816.

Turton (W.) British Fauna, containing a compendium of the Zoology of the British Islands : arranged according to the Linnean System ... Vol. I, including the classes Mammalia, Birds, Amphibia, Fishes, and Worms. *pp. 230, vii.* 12⁰. *Swansea*, 1807.

Turton (W.) A Conchological Dictionary of the British Islands. By W. Turton ... assisted by his daughter. *pp. xxvii* [*ii,*] *272 : 28 pls. col.* 12⁰. *London*, 1819.

Turton (W.) Conchylia Insularum Britannicarum. The Shells of the British Islands, systematically arranged. *pp. xlvii, 279 : 20 pls. col.* 4⁰. *Exeter*, 1822.

Turton (W.) A Manual of the Land and Fresh-water Shells of the British Islands, *&c.* *pp. viii, 150, 16 : 10 pls. col.* 8⁰. *London*, 1831.

—— A new edition ... revised ... by J. E. Gray. *pp. ix* [*i,*] *324 : 12 pls. col., text illust.* 8⁰. *London*, 1840.

—— New edition, with additions by J. E. Gray. *pp. xvi, 335 : 12 pls. col., text illust.* 8⁰. *London*, 1857.

Index to the British Land and Fresh-water Shells, arranged according to the systematic distribution in Gray's edition of Turton's Manual. s.sh. *Nottingham* [1857 ?].

Turton (W.) & **Kingston** (J. F.) The Teignmouth, Dawlish, and Torquay Guide, *&c.* (Pt. II. The Natural History of the district ... By W. Turton ... and J. F. Kingston.) *See* CARRINGTON (N. T.) *& others.* 8⁰. [1828 ?]
The "Conchology" portion seems to have been issued separately in 1829 under the title of "Enumeration of Marine Shells found on the Devonshire coast" (*See* JEFFREY'S "British Conchology," Vol. IV, p. 108).

TUSCH (HARALD CHRISTIAN LUDWIG VON JENSSEN) *See* JENSSEN-TUSCH.

TUSSAC (F. RICHARD DE) Flore des Antilles, ou histoire générale botanique ... et économique des Végétaux indigènes des Antilles, et des exotiques qu'on est parvenu à y naturaliser ; décrits d'après Nature, selon le système sexuel de Linné et la méthode naturelle de Jussieu, *&c.* 4 Tom. [in 2] *illust. col.* fol. *Paris*, 1808–27.

Tussac (F. R. DE) *See* DICTIONARIES. Dictionnaire des Sciences naturelles, *&c.* 60 Vol. 8⁰. 1816–30.

TUSSER (THOMAS) [1524?–1580] Five hundred pointes of good Husbandrie ... The edition of 1580 collated with those of 1573 and 1577. Together with a reprint ... of "A hundreth good pointes of Husbandrie," 1557. Edited (with introduction, notes, and glossary) by W. Payne and S. J. Herrtage. *pp. xxxi, 350.* 8⁰. *London*, 1878.
Published for the English Dialect Society.

TUTCHER (WILLIAM JAMES) & **Dunn** (S. T.) Flora of Kwangtung and Hongkong (China), *&c. pp. 370 : 1 map. See* KEW.—*Royal Botanic Gardens.* Bulletin of Miscellaneous Information. Additional Series X. 8⁰. 1912.

TUTIN (JOHN RAMSDEN) An Index to the Animal and Vegetable Kingdoms of Wordsworth. *pp. 20.* 8⁰. *Hull*, 1892.

TUTKOVSKIĬ (PAVEL APOLLONOVĪCH) [1858–] Foramīnīferui īz Tretīchnuikh ī Myelovuikh otlozheniĭ Kieva, *&c.* [Foraminifera from the Tertiary and Cretaceous beds of Kiev.] 2 Pt. *illust.* 8⁰. *Kiev*, 1886, 87.
Zapīskī Kiev. Obshch. Estestvoīs. Tom. VIII & IX, 1887, 88.

Tutkovskiĭ (P. A.) Bībliograhfīcheskiĭ Ukazatel lītēraturui po īskopaemuim ī nuinye zhīvushchīm Foramīnīferam (1888–1898).—Index bibliographique de la littérature sur les Foraminifères vivants et fossiles (1888–1898). *pp.* [*ii*,] *200* [*2*]. 8⁰. *Kiev*, 1898.
Zapīskī Kiev. Obshch. Estestvoīs. Tom. XVI, 1899.

Tutkovskiĭ (P. A.) Zonal'nost landshaftov ī pochv v Voluinskoĭ ghub.—Zonalité des sols et des paysages de la Volhynie. 8⁰. [1910.]
Pochvovyedyenie. 1910, no. 3, *pp. 235–253 : 1 map geol. col.*

TUTT (JAMES WILLIAM) [1858–1911] *See* ENTOMOLOGIST'S RECORD AND JOURNAL OF VARIATION, *The.* Edited by J. W. Tutt. Vol. I—XXIII, no. 1. 8⁰. 1890–1911.

Tutt (J. W.) The British Noctuæ and their varieties. 4 Vol. 8⁰. *London, &c.*, 1891–92.

Tutt (J. W.) British Butterflies, *&c. pp. 469 : 10 pls., text illust.* 8⁰. *London*, 1896.

Tutt (J. W.) A natural history of the British Lepidoptera, *&c.* 10 Vol. *illust.* 8⁰. *London & Berlin*, 1899–1909.

Tutt (J. W.) A natural history of the British Butterflies: their world-wide variation and geographical distribution, *&c.* Vol. I—IV, pt. 10.† *illust.* 8⁰. *London & Berlin*, 1905–10.

Tutt (J. W.) [Zoological] Records for Woolwich and West Kent. Edited by J. W. Tutt. *See* SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. A Survey and Record of Woolwich and West Kent, *&c.* Zoology. 8⁰. 1909.

TUTTON (ALFRED EDWIN HOWARD) [1864–] Crystalline Structure and Chemical Constitution. *pp. viii, 204 : text illust.* 8⁰. *London*, 1910.

Tutton (A. E. H.) Crystallography, and practical Crystal measurement. *pp. xiv, 946 : 3 pls., text illust.* 8⁰. *London*, 1911.

Tutton (A. E. H.) Crystals. *pp. x, 301 : 25 pls. (1 col.), text illust.* 8⁰. *London*, 1911.
International Scientific Series. Vol. XCVII.

TUXEN (C. F. A.) Studien über die natürlichen Humusformen und deren Einwirkung auf Vegetation und Boden . . . Mit analytischen Belegen von C. F. A. Tuxen. *See* MÜLLER (P. E.) 8⁰. 1887.

TUZSON (JÁNOS) Adatok Magyarország fosszilis Flórájához.—Beiträge zur fossilen Flora Ungarns. HUNG. & GERM. *pp. 4, 4 : 2 pls.* 8⁰. *Budapest*, 1908.
Növénytani Közlemények. 1908. I.

Tuzson (J.) Monographie der fossilen Pflanzenreste der Balatonseegegend . . . Uebersetzt aus dem Ungarischen Original. *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1, Anhang. Palaeontologie der Umgebung des Balatonsees. Bd. IV, no. 1. 4⁰. 1911.

TWAMLEY afterwards **Meredith** (LOUISA ANNE) [1812–] The Romance of Nature; or, the Flower-Seasons illustrated . . . Second edition, *&c. pp. xx, 255 : 27 pls. col.* 4⁰. *London*, 1836.
The first edition, and a third, appeared in the same year.

Twamley afterwards **Meredith** (L. A.) Flora's Gems: or, the treasures of the parterre. Twelve bouquets drawn . . . by J. Andrews . . . with poetical illustrations by L. A. Twamley, *&c.* [*pp. 36 :*] *12 pls. col.* fol. *London* [1837].

Twamley afterwards **Meredith** (L. A.) Some of my Bush Friends in Tasmania, native Flowers, Berries and Insects drawn from Life . . . and briefly described. *pp. ii, 106 : 11 pls.* fol. *London*, 1860.
Wanting pl. v.

TWEED, *Vale of.* Fossil Plants in the Vale of Tweed. *pp. 8 : 4 pls.* [ ]
A reprint from a local newspaper.

TWEEDDALE, *Marquess of. See* HAY.

TWEEDIE (WILLIAM) [1836–] The Arabian Horse: his country and people, *&c. pp. xix, 411 : 11 pls. (col.), 1 map, text illust.* 4⁰. *Edinburgh & London*, 1894.

TWEEDMOUTH, *Baron. See* MARJORIBANKS.

TWELVETREES (WILLIAM HARPER) [1848–] The Mangana Goldfield. *pp. 36 : 4 plans, text illust. See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 1. 8⁰. 1907.

Twelvetrees (W. H.) The Mathinna Goldfield. Pt. III. *pp. 12 : 2 pls. See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 2. 8⁰. 1907.

Twelvetrees (W. H.) The Lisle Goldfield. *pp. 46 : 2 pls., 2 maps (col.) See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 4. 8⁰. 1909.

Twelvetrees (W. H.) Gunn's Plains, Alma, and other mining fields, north-west coast. *pp. 38 : 1 pl., 1 map. See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 5. 8⁰. 1909.

Twelvetrees (W. H.) The Scamander Mineral district. *pp. iv* [*i*,] *63 : 3 pls., 6 maps & plans (col.) See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 9. 8⁰. 1911.

Twelvetrees (W. H.) The Tasmanite Shale fields of the Mersey district. *pp. iv* [*i*,] *123* [*1*] *: 7 pls., 3 maps (1 geol. col.), 1 plan, 1 text illust. See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 11. 8⁰. 1911–12.
Appendix II consists of a "Report on Petrol from Tasmania" by Wyndham R. Dunstan.

Twelvetrees (W. H.) [For official reports as Government Geologist] *See* TASMANIA.—*Department of Mines.*

Twelvetrees (W. H.) & **Ward** (L. K.) The Ore-Bodies of the Zeehan Field, *&c. pp. iv* [*i*,] *165 : 7 pls., 3 maps, 6 plans. See* TASMANIA.—*Department of Mines.* Geological Survey Bulletin No. 8. 8⁰. 1910.

TWEMLOW (GEORGE) [Firm belief in the Deluge of Noah . . . advocated, *&c.* 8⁰. *London*, 1866.]
Wanting.

—— [Another edition entitled:] Fact and Fossils adduced to prove the Deluge of Noah . . . with some notices regarding Indus Flint Cores. *pp. 256 : 3 pls.* 8⁰. *London & Guildford* [1868].

TWENT (A. P.) Proeve of eenige aanteekeningen wegens het Planten op Duinen van Raaphorst, aan liefhebbers van Planten meede gedeeld, van nut konden zyn. *pp. 104.* 8⁰. *Gravenhage*, 1800.

Twent (A. P.) Wandeling naar de Zeeduinen van Wassenaar tot digt aan Scheveningen. *pp. 38.* 8⁰. *Vosmaer en Zonen*, 1805.

TWINING (E. H.) List of Plants, mostly herbaceous, in the neighborhood of St. Anthony, Minnesota . . . 1869–72. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual Reports, *&c.* No. 1. (Second edition.) 8⁰. 1884.

TWINING (ELIZABETH) [1805–1889] Short Lectures on Plants, *&c. pp. xii, 369.* 8⁰. *London*, 1858.

Twining (ELIZABETH) The Plant World. *pp. 414: 5 pls. col.* 8⁰. *London, &c.*, 1861.

Twining (ELIZABETH) Illustrations of the Natural Orders of Plants, with groups and descriptions . . . Reduced from the original folio edition. 2 Vol. *illust. col.* 4⁰. *London*, 1868.

TWINING (THOMAS) [1806–1895] The Botanic Stand. A means of . . . instruction in the knowledge of the Natural Orders of Plants. *pp. 14.* 4⁰. *London*, 1883.

TWIST (DUYMAER VAN)
Beschrijving van nieuwe en weinig bekende Vischsoorten van Amboina verzumeld op eene Reis door den Molukschen Archipel gedaan in het gevolg van den Gouverneur Generaal Duymaer van Twist in . . . 1855. *pp. 76.*
Beschrijving van nieuwe af weinig bekende Vischsoorten van Manado en Makassar grootendeels verzameld op eene Reis naar den Molukschen Archipel in het gevolg van den Gouverneur Generaal Duymaer van Twist. *pp. 80.*
See BATAVIA.—KONINKLIJKE NATUURKUNDIGE VEREENIGING IN NEDERLANDSCH INDIË. Acta (Verhandelingen), *&c.* Vol. I, no. 5 & 6. 4⁰. 1856.

TWIST (ISAAC) Dissertatio de fœcundatione Plantarum, cujus partem tertiam . . . subjiciunt præses J. W. Zetterstedt . . . et respondens I. Twist, *&c.* *See* ZETTERSTEDT (J. W.) 4⁰. 1812.

TYAS (ROBERT) [1811–1879] Popular Flowers [First Series, edited by R. Tyas], *&c.* *See* FLOWERS. 8⁰. 1843.

—— [Another edition.] 8⁰. 1844.

—— Second Series, *&c.* 8⁰. 1844.

Tyas (R.) Favourite Field Flowers; or Wild Flowers of England, *&c. pp. xi, 196: 12 pls. col.* 8⁰. *London*, 1848.

—— Second Series. *pp. ix, 195: 12 pls. col.* 8⁰. *London*, 1850.

Tyas (R.) Flowers from the Holy Land, being an account of the chief Plants named in Scripture, with historical, geographical, and poetical illustrations. *pp. ix, 198: 12 pls. col.* 8⁰. *London*, 1850.

TYCHSEN (OLUF GERHARD) [1734–1815] Physiologus Syrus, seu Historia Animalium XXXII in S.S. memoratorum, Syriace . . . edidit, vertit et illustravit O. G. Tychsen. *pp. xi, 195.* 8⁰. *Rostochii*, 1795.

TYDEMAN (G. F.) Siboga-Expeditie . . . 1899–1900 . . . onder commando van . . . G. F. Tydeman, *&c.* *See* WEBER (M. C. W.) 4⁰. 1901→

Tydeman (G. F.) Liste des Stations de la Campagne scientifique du "Siboga," revisée par . . . G. F. Tydeman. *pp. 16: 2 maps (col.)* *See* WEBER (M. C. W.) Siboga-Expeditie, *&c.* Monograph No. 1 [Appendix]. 4⁰. 1902.

TYDÉN (OLOF) Iakttagelser öfver Skandinaviens Fjärillar, som . . . komma att . . . försvaras . . . af O. Tydén. *See* DAHLBOM (A. G.) 4⁰. 1837.

TYE (GEORGE SHERRIFF) [–1900] [Fishes and Mollusca of the Birmingham District.] *See* BRITISH ASSOCIATION. Handbook of Birmingham. 8⁰. 1886.

TYERMAN (DANIEL) [1773–1828] Journal of Voyages and Travels by the Rev. D. Tyerman . . . to visit . . . various Stations in the South Sea Islands, China, India, &c., between . . . 1821 and 1829, *&c.* *See* MONTGOMERY (J.) 8⁰. 1831.

TYLER (FREDERICK J.) The Nectaries of Cotton. *See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 131, pt. v. 8⁰. 1908.

Tyler (F. J.) Varieties of American Upland Cotton. *pp. 127: 9 pls., text illust.* *See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 163. 8⁰. 1910.

TYLOR (ALFRED) [1824–1884] A paper on Quaternary Gravels. 8⁰. *London*, 1869.
Quart. Journ. Geol. Soc. Vol. XXV, *pp. 57–100: pls. 4–9, text illust.*

Tylor (A.) On the growth of Trees, and protoplasmic continuity. *pp. 20: 3 pls.* 8⁰. *London*, 1886.

TYLOR (*Sir* EDWARD BURNETT) [1832–] [Anahuac: or Mexico and the Mexicans, ancient and modern. 8⁰. *London*, 1861.]
Wanting.

—— Re-issue, *&c. pp. xi, 344: 6 pls., 1 map, text illust.* 8⁰. *London* [ ].

Tylor (*Sir* E. B.) Researches into the early history of Mankind and the development of Civilization. *pp. vi, 378: text illust.* 8⁰. *London*, 1865.

Tylor (*Sir* E. B.) Ethnology. By . . . J. C. Prichard (Revised . . . by E. B. Tylor.) *See* GREAT BRITAIN & IRELAND.—*Admiralty.* A Manual of Scientific Enquiry . . . Fourth edition, *&c.* 8⁰. 1871.

Tylor (*Sir* E. B.) Anthropology: an introduction to the study of Man and Civilization. *pp. xv, 448: text illust.* 8⁰. *London*, 1881.

Tylor (*Sir* E. B.) Life of Dr. Rolleston. *See* ROLLESTON (G.) Scientific Papers and Addresses, *&c.* 2 Vol. 8⁰. 1884.

Tylor (*Sir* E. B.) Anthropology. *See* GREAT BRITAIN & IRELAND.—*Admiralty.* A Manual of Scientific Enquiry . . . Fifth edition, *&c.* 8⁰. 1886.

Tylor (*Sir* E. B.) [On Collecting and Preserving Anthropological Specimens.] *See* ROYAL GEOGRAPHICAL SOCIETY. Hints to Travellers . . . Sixth edition, *&c.* 8⁰. 1889.

—— Seventh edition, *&c.* 8⁰. 1893.

—— Eighth edition, *&c.* Vol. II, sect. IV. 8⁰. 1901.

TYNDALL (JOHN) [1820–1893] *See* SCIENTIFIC MEMOIRS, selected from the Transactions of Foreign Academies of Science . . . Natural Philosophy. Edited by J. Tyndall, *&c.* 8⁰. 1853.

Tyndall (J.) *See* LONDON, EDINBURGH AND DUBLIN PHILOSOPHICAL MAGAZINE, *The* . . . Conducted by J. Tyndall, *&c.* Ser. IV, vol. VII–XXVI. 8⁰. 1854–63.

Tyndall (J.) Researches on Diamagnetism and Magne-Crystallic Action, including the question of Diamagnetic polarity. *pp. xix, 361 : 8 pls., text illust.* 8⁰. *London*, 1870.

Tyndall (J.) [Essays on the Floating-Matter of the Air in relation to putrefaction and infection. 8⁰. *London*, 1881.]

Wanting.

—— Second edition, *&c.* *pp. xix, 338 : text illust.* 8⁰. *London*, 1883.

TYNESIDE NATURALISTS' FIELD CLUB.

[1846 Founded.
1903 Merged in the *Natural History Society of Northumberland, Durham, and Newcastle-upon-Tyne.*]

Transactions, *&c.* 1846–64. Vol. I–VI.†
8⁰. *Newcastle-upon-Tyne & London*, [1848–] 1850–64.

Tyneside Naturalists' Field Club.
Natural History Transactions of Northumberland and Durham; being papers read at . . . the Tyneside Naturalists' Field Club, *&c.* Vol. I—XV, pt. 1. [*Continued as :*] Transactions, *&c.* New Series, Vol. I→ *See* NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, DURHAM AND NEWCASTLE-UPON-TYNE. 8⁰. 1867→

Tyneside Naturalists' Field Club.
A Synopsis of the Geology of Durham and part of Northumberland. *See* HOWSE (R.) & KIRKBY (J. W.) 8⁰. 1863.

Tyneside Naturalists' Field Club.
A Catalogue of the Fossils of the Permian system of the counties of Northumberland and Durham. *See* HOWSE (R.) 8⁰. 1848.

—— Note on the right of priority of a Catalogue of Permian Fossils, published by the . . . Club . . . 1848. *See* HOWSE (R.) 8⁰. [1857.]

—— Supplemental Note, *&c.* 8⁰. (1859.)

TYRBAS DE CHAMBERET (JEAN BAPTISTE JOSEPH ANNE CÉSAR) *See* CHAMBERET.

TYROL. [*Maps.*] Geognostische Karte Tirols, *&c.* [Scale 1 in. = 3¾ m. about. With horizontal sections.] 13 sh. *col.* [*Innsbruck*,] 1849.

Tyrol. [*Maps.*] Geologische Uebersichtskarte des Tirolisch-Venetianischen Hochlandes zwischen Etsch und Piave . . . Massstab 1 : 75,000 [*i.e.* 1 in. = 1⅛ m. about]. 6 sh. *col.* *See* MOJSISOVICS VON MOJSVÁR (J. A. G. E.) Die Dolomit-Riffe von Südtirol, *&c.* 1878.

Tyrol. [*Maps.*] Geologische Karte des westlichen Süd-Tirol . . . Maassstab 1 : 144,000 [*i.e.* 1 in. = 2¼ m. about]. s.sh. *col.* *See* LEPSIUS (C. G. R.) Das westliche Süd-Tirol, *&c.* 1878.

Tyrol. [*Maps.*] Geologische Karte der Tiroler- u. Vorarlberger-Alpen, 1 : 500,000 [*i.e.* 1 in. = 8 m. about] . . . von J. Blaas. s.sh. *col.* *Innsbruck* [1903].

TYRRELL (JOSEPH BURR) [1858–] Report on a part of northern Alberta, and portions of adjacent districts of Assiniboia and Saskatchewan, *&c.* *pp. 176 : 2 pls., 2 maps col., text illust.* *See* CANADA.—*Geological Survey.* Annual Report. Vol. II, E. 8⁰. 1887.

The Appendix contains, *inter alia* :—
I. On some fossils from the Cretaceous and Laramie rocks. By J. F. Whiteaves.
II. Lists of Lepidoptera collected. By J. Fletcher.

Tyrrell (J. B.) Notes to accompany a preliminary map of the Duck and Riding Mountains in north-western Manitoba. *pp. 16 : 1 pl., 1 map.* *See* CANADA. —*Geological Survey.* Annual Report. New Series, Vol. III, E. 8⁰. 1888.

Tyrrell (J. B.) Report on north-western Manitoba, with portions of the adjacent districts of Assiniboia and Saskatchewan. *pp. 235 : 7 pls.* *See* CANADA.—*Geological Survey.* Annual Report. Vol. V, pt. 1, E. 8⁰. 1892.

Tyrrell (J. B.) Report on the east shore of Lake Winnipeg, and adjacent parts of Manitoba and Keewatin, from notes and surveys by J. B. Tyrrell, *&c.* *pp. 98 : 3 pls., 1 map geol. col.* *See* CANADA.—*Geological Survey.* Annual Report. New Series, Vol. XI, G. 8⁰. 1900 (1901).

Tyrrell (J. B.) Report on explorations in the north-eastern portion of the district of Saskatchewan, and adjacent parts of the district of Keewatin. *pp. 48 : 1 pl., 1 map geol. col.* *See* CANADA.—*Geological Survey.* Annual Report. New Series, Vol. XIII, F. 8⁰. 1902 (1903).

TYSON (EDWARD) [1650–1708] Orang-outang, sive *Homo sylvestris* : or, the Anatomy of a Pygmie compared with that of a Monkey, an Ape, and a Man. To which is added a philological essay concerning the Pygmies, the Cynocephali, the Satyrs, and Sphinges of the Ancients, *&c.* *pp.* [*xii,*] *108, 58 : 8 pls.* 4⁰. *London*, 1699.

TYSON (PHILLIP THOMAS) [1799–1877] [Report . . . communicating information in relation to the Geology and Topography of California, *&c.* *See* UNITED STATES. [*Geographical and Geological Surveys : Miscellaneous.*] 8⁰. 1850.]

Wanting.

—— [Another edition entitled :] Geology and Industrial Resources of California, *&c.* 8⁰. 1851.

This consists of the author's copies of the original "Report," to which an "Introduction" containing additional matter has been prefixed.

TYTLER (JAMES) [1747?–1805] Experiments made in . . . 1769 on Waters in and near Newcastle upon Tyne, with observations thereon. *pp. 16.* 8⁰. [*Newcastle-upon-Tyne*, 1770.]

TYTLER (PATRICK FRASER) [1791–1849] Historical view of the progress of discovery on the more northern coasts of America, from the earliest period to the present time. By P. F. Tytler . . . With descriptive sketches of the natural history of the North American regions. By J. Wilson . . . To which is added an appendix, containing remarks on a late memoir of S. Cabot, with a vindication of R. Hakluyt, *&c.* *pp. 444 : 1 map, text illust., engr. title.* 8⁰. *Edinburgh*, 1832.

Edinburgh Cabinet Library. Vol. IX.

TYZENHAUZ (KONSTANTY) [1786–1853] K. Hr. Tyzenhauza Oologia Ptaków Polskich, wystawiona na 170 tablicach . . . do których opisy ułożył W. Taczanowski. [K. Tyzenhauz's Oology of Polish Birds, displayed in 170 plates . . . to which descriptions have been arranged by W. [*i.e.* L.] Taczanowski.] *pp. 524 : 170 pls. col.* 8⁰. *Warszawa*, 1862.

TZENKOVSKIĬ (LEV SEMENOVĪCH) [1822–1887] Zur Morphologie der Bacterien. *pp. 18 : 2 pls.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXV, no. 2. 4⁰. 1877.

Tzenkovskiĭ (L. S.) L. S. Tzenkovskiĭ. Bīoghrafīcheskiĭ ocherk. [Biographical sketch, by P. Buchinskiĭ.] *pp. liii : 1 port.* *See* ODESSA.—NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. XIII [Pt. 1]. 8⁰. 1888.

TZĪNGHER (V. YA.) Sbornīk svyedyeniĭ o Florye sredneĭ Rossīī. [Synopsis of the Flora of central Russia.] *pp. 520.* *See* MOSCOW. — ĪMPERATORSKIĬ MOSKOVSKIĬ UNĪVERSĪTET. Uchenuiya Zapīskī, *&c.* Vuip. VI. 8⁰. 1885.

The wrapper bears date 1886.

TZSCHEPPIUS (JOANNES CHRISTIANUS FRIDERICUS) Dissertatio inauguralis, botanico-pharmaceutico-medica, sistens Plantas Anthelminticas . . . Submittit J. C. F. Tzscheppius, *&c.* *See* LISCHWITZ (J. C.) 4⁰. [1742.]

TZULUKĪDZE (GH.) Gheologhīcheskoe opīsanie okrestnosteĭ Navtlugha, sostavlyayushchagho yugho-vostochnuyu chast ghoroda Tīflīsa. [Geological description of the district of Navtlugh, comprising the south-eastern part of the town of Tiflis.] *pp. 25 : 1 map col.* *See* TIFLIS. — KAVKAZSKOE GHORNAYA UPRAVLENIE. Materialui dlya Gheologhiī Kavkaza. Vuipusk III. L. *Batzevīch & Tzulukīdze.* Gheologhīcheskoe opīsanie Apsheronskagho poluostrova, Bakīnskoĭ ghuberniī, *&c.* 8⁰. 1881.

Tzulukīdze (GH.) K Gheologhiī Tīflīsskoĭ ghuberniī. Gheologhīcheskoe īzslyedovanie v oblastī ryechnuikh dolīn Alghetkī ī Khrama. [On the Geology of the Tiflis government. Geological exploration of the district of the river valleys of the Alghet and Kram.] *pp. 70 : 1 pl., 1 map col.* *See* TIFLIS. — KAVKAZSKOE GHORNAYA UPRAVLENIE. Materialui dlya Gheologhiī Kavkaza. Seriya II, knigha I, no. 1. 8⁰. 1887.

Tzulukīdze (GH.) & **Batzevīch** (L.) Gheologhīcheskoe opīsanie Apsheronskagho poluostrova, Bakīnskoĭ ghuberniī, ī okrestnosteĭ Navtlugha, Tīflīsskoĭ ghuberniī, īzslyedovannuikh v 1880 ghodu. [Geological description of the Apsheron peninsula in the Baku government, and of the neighbourhood of Navtlugh in the Tiflis government, explored in 1880.] *pp. 71, xiii : 3 pls., 1 map geol. col.* *See* TIFLIS. — KAVKAZSKOE GHORNAYA UPRAVLENIE. Materialui dlya Gheologhiī Kavkaza. Vuipusk III. 8⁰. 1881.

TZVĪIĪĆ (IOVAN)
Entwicklungsgeschichte des Eisernen Tores. *pp. iv, 64 : 8 pls., 2 maps geol. col., text illust.*
Grundlinien der Geographie und Geologie von Mazedonien und Altserbien; nebst Beobachtungen in Thrazien, Thessalien, Epirus und Nordalbanien. Teil I. *pp. viii, 392 : 17 pls. (1 col.), 2 maps (col.)*
See PETERMANNS MITTEILUNGEN, *&c.* Ergänzbd. XXXIV, no. 160 & 162. 8⁰. 1908.

Tzvīiīć (I.) Prīlozī za poznavan'e Iadranskogh prīmoria. [Appendix to a knowledge of the Adriatic sea-coast.] *pp. 9 : text illust.* 4⁰. [*Belgrade*, 1894.]
Prosvetnī Ghlasnīk. 1894.

Tzvīiīć (I.) Karst, Gheoghrafska monoghrafīia. [Karst, a Geographical monograph.] *pp. 173 : text illust.* 8⁰. *Beoghrad*, 1895.

Tzvīiīć (I.) Iezera Makedonīie, stare Srbīie ī Epīra. [Lakes of Macedonia, Old Servia and Epirus.] *10 maps, plans & sections orograph. & bathymet. col.* fol. *Beoghrad*, 1902.

Tzvīiīć (I.) Gheoloshī Atlas Makedonīie ī Stare Srbīie. [Geological Atlas of Macedonia and Old Servia.] *4 pls., 4 maps col.* fol. *Beoghrad*, 1903.

Tzvīiīć (I.) Osnove za Gheoghrafīiu ī Gheologhīiu Makedonīie ī Stare Srbīie, *&c.* [Outline of the Geography and Geology of Macedonia and Old Servia, *&c.*] Knīgh. I–III. *pp. viii, viii, 1272, 1 tab. : 26 pls., 12 maps (col.), text illust.* 4⁰. *Beoghrad*, 1906–11.

TZVYET (M. S.) Fīzīko-khīmīcheskoe stroenie Khlorofīl'nagho zerna. Éksperīmental'noe ī krītīcheskoe īzslyedovanie. — Recherches sur la constitution physico-chimique du Grain de Chlorophylle. *pp. xii, 268 : 1 pl.* RUSS. *See* KAZAN. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXV, vuip. 3. 8⁰. 1901.

TZVYETAEVA (MARIYA KUZMĪNCHNA) [1852–] Gholovonoghiya verkhnyagho yarusa Srednerusskagho Kamennoughol'nagho Īzvestnyaka. — Cephalopodes de la section supérieure du Calcaire Carbonifère de la Russie centrale. RUSS., *with* FR. *résumé. pp. vii, 58 : 6 pls.* *See* RUSSIA. — COMITÉ GÉOLOGIQUE. Mémoires, *&c.* Vol. V, no. 3. 4⁰. 1888.

Tzvyetaeva (M. K.) Nautīlīdui ī Ammoneī nīzhnyagho otdyela Srednerusskagho Kamennoughol'nagho Īzvestnyaka. — Nautiloidea et Ammonoidea de la section inférieure du Calcaire Carbonifère de la Russie centrale. *pp. 46 : 6 pls.* RUSS., *with* FR. *résumé.* *See* RUSSIA. — COMITÉ GÉOLOGIQUE. Mémoires, *&c.* Vol. VIII, no. 4. 4⁰. 1898.

TZWETAEV (MARIE) *See* TZVYETAEVA (M. K.)

UBAGHS (JOH. CASIMIR) [1829–1894] Description Géologique et Paléontologique du sol du Limbourg, avec Catalogue général des Fossiles du terrain Crétacé . . . et Description de quelques grands Vertébrés de la Craie Supérieure de Maastricht. *pp. 275 : 8 pls.* 8⁰. *Ruremonde*, 1879.

Ubaghs (J. C.) Verzeichniss der paläontologischen und mikrogeologischen Sammlungen aus der Aachener Umgebung von I. Beissel. *pp. iv, 15.* 8⁰. *Aachen*, 1888.

Ubaghs (J. C.) Catalogue des Collections géologiques, paléontologiques, conchyliologiques & d'archéologie préhistorique du Musée Ubaghs à Maestricht, *&c.* *pp. 61.* 8⁰. *Maestricht*, 1894.
Sale Catalogue.

UBISCH (L. VON) Ueber das larvale Muskelsystem von *Arbacia pustulosa.* *pp. 7 : 1 pl., text illust.* *See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XLII, no. 4. 8⁰. 1913.

UCRIA (BERNARDINUS AB) [1739–1796] Hortus regius Panhormitanus æræ vulgaris anno 1780 noviter extructus septoque ex indigenis, exoticisque plurimas complectens Plantas. *pp. vi, 498.* 8⁰. *Panormi*, 1789.

UDDEN (JOHAN AUGUST) [1859–] The mechanical composition of Wind Deposits. *pp. 69.* 4⁰. *Rock Island, Ill.*, 1898.
Augustana Library Publications. No. 1.

Udden (J. A.) An old Indian Village. *pp. 80 : 6 pls., text illust.* 4⁰. *Rock Island, Ill.*, 1900.
Augustana Library Publications. No. 2.

Udden (J. A.) Report on a Geological Survey of the lands belonging to the New York and Texas Land Company, Ltd., in the Upper Rio Grande Embayment in Texas. 4⁰. [*Rock Island, Ill.*, 1907.]
Augustana Library Publications. No. 6, *pp. 51–107 : 7 pls., 1 map geol. col.* The map is dated 1906.

Udden (J. A.) Geology and Mineral Resources of the Peoria Quadrangle, Illinois. *pp. 103 : 6 pls., 3 maps (2 geol. col.), text illust.* *See* UNITED STATES. — *Geological Survey.* Bulletin No. 506. 8⁰. 1912.

UDDMAN (ISAACUS) [Novæ Insectorum species quas . . . præside, J. Leche . . . proponit I. Uddman. *pp. 48 : 2 pls.* 4⁰. *Aboæ*, 1753.]
Wanting.

—— Editio altera [with a Nomenclator], curante D. G. W. F. Panzero, *&c.* *pp. 60 : 2 pls.* 4⁰. *Norimbergæ*, 1790.

—— [Another issue.] 4⁰. *Erlangæ*, 1793.
This work appears to have been re-issued again in 1794.

UDE (HERMANN) [Enchytræidæ from South America.] *See* HAMBURG.—NATURHISTORISCHES MUSEUM. Ergebnisse der Hamburger Magalhaensischen Sammelreise, *&c.* Lief. I, no. 3. 8⁰. 1896.

Ude (H.) Die arktischen Enchyträiden und Lumbriciden, sowie die geographische Verbreitung dieser Familien. *See* ROEMER (F.) & SCHAUDINN (F.) Fauna Arctica, *&c.* Bd. II, no. 1. 4⁰. 1901.

UDEKEM (GÉRARD JULES MARIE GHISLAIN D') [1824–1864] Histoire naturelle du Tubifex des Ruisseaux, *&c. pp. 38 : 4 pls. col. See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés, *&c.* Tom. XXVI. 4⁰. 1854.

Udekem (G. J. M. G. D') Développement du Lombric terrestre, *&c. pp. 75 : 3 pls. See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés, *&c.* Tom. XXVII. 4⁰. 1856.

Udekem (G. J. M. G. D') Recherches sur le développement des Infusoires, *&c. pp. 13 : 1 pl. See* BRUSSELS. —ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. XXX. 4⁰. 1857.

Udekem (G. J. M. G. D') Nouvelle classification des Annélides Sétigères abranches, *&c. pp. 28. See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. XXXI. 4⁰. 1859.

Udekem (G. J. M. G. D') Description des Infusoires de la Belgique, *&c. pp. 34 : 5 pls. See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. XXXIV. 4⁰. 1864.

Udekem (G. J. M. G. D') Mémoires sur les Lombricins, *&c.* Pt. 1.† *pp. 44 : 4 pls. col. See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. XXXV. 4⁰. 1865.

UECHTRITZ (MAX F. S. VON) [–1852] Kleine Reisen eines Naturforschers, *&c. pp. x, 354.* 8⁰. *Breslau*, 1820.

UECHTRITZ (RUDOLF VON) [1838–1886] Flora von Schlesien, Preussischen und Oesterreichischen Antheils . . . unter Mitwirkung von R. von Uechtritz, *&c. See* FIEK (E.) 8⁰. 1881.

UEXKÜLL (J. D') Résultats des recherches effectuées sur les tentacules de l'*Anemonia sulcata, &c. pp. 3. See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 148. 8⁰. 1909.

Uexküll (J. D') & **Gross** (F.) Résultats des recherches effectuées sur les extrémités des Langoustes et des Crabes, *&c. pp. 4. See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 149. 8⁰. 1909.

UEXKÜLL-GYLLENBAND (MARGARETE VON) Phylogenie der Blütenformen und der Geschlechterverteilung bei den Compositen. *pp. 80 : 2 pls. (col.), text illust. See* BIBLIOTHECA BOTANICA. Abhandlungen, *&c.* Hft. LII. 8⁰. 1901.

UFFENBACHIUS (PETRUS) [–1635] Hortulus Sanitatis, das ist, ein heylsam und nützliches Gährtlin der Gesundtheit . . . In . . . Teutsche . . . versetzt [with a preface] durch P. Uffenbachium. *See* DURANTE (C.) 4⁰. 1609.

Uffenbachius (P.) Herrn A. Loniceri . . . Vollständiges Kräuter-Buch . . . von P. Uffenbachio, *&c. See* LONICER (A.) fol. 1713.

—— [Another edition.] fol. 1770.

—— Another edition. fol. 1783.

UGANDA. [*Maps.*] Map of Uganda . . Scale 1 : 633,600, or 1 inch to 10 miles. 4 sh. [*London,*] 1899–1900.
Intelligence Division, War Office, No. 1429.

UGOLINI (RICCARDO) [1874–]
Contribuzione allo studio delle roccie dell'Alto Egitto. Pt. 1. *pp. 17 : 1 text illust.*
Descrizione Geologica dei monti d'Oltre Serchio. *pp. 55, 1 tab.*
See PISA.—REGIA UNIVERSITÀ DEGLI STUDI. Annali delle Università Toscane. Tom. XXV. 4⁰. 1905.

Ugolini (R.) Il *Rhinoceros Mercki*, Jaeg., dei terreni Quaternari della val di Chiana. *pp. 45 [1] : 4 pls. See* PISA.—REGIA UNIVERSITÀ DEGLI STUDI. Annali delle Università Toscane. Tom. XXVI. 4⁰. 1906.

Ugolini (R.) Contribuzione allo studio Geologico del sottosuolo della pianura Pisana. I. Il pozza trivellato di Santa Rosa. *pp. 24 : 1 pl. See* PISA.—REGIA UNIVERSITÀ DEGLI STUDI. Annali delle Università Toscane. Tom. XXVIII. 4⁰. 1908.

Ugolini (R.) Foyaite pirossenica di San Vincenzo di Capo Verde. *pp. 8. See* PISA.—REGIA UNIVERSITÀ DEGLI STUDI. Annali delle Università Toscane. Tom. XXX. 4⁰. 1911.

UHAGÓN (SERAFÍN DE) Descripciones de algunas especies nuevas de Coleópteros por . . . D. Sharp. (Adiciones . . . por . . . S. de Uhagón.) *pp. 15. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. I. 8⁰. 1872.

Uhagón (S. DE) Coleópteros de Badajoz. 3 Pt. *pp. 96 : 2 pls. col. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. V, VIII & XVI. 8⁰. 1876–87.

Uhagón (S. DE) Especies nuevas del género *Bathyscia* encontradas en Vizcaya. *pp. 14. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. X. 8⁰. 1881.

Uhagón (S. DE) [Coleoptera of Miranda-de-Ebro.] *See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XIII. Arachnides observés à Miranda-de-Ebro . . . 1883, par E. Simon, *&c.* 8⁰. 1884.

Uhagón (S. DE) Especies nuevas Españolas del género *Cathormiocerus*, Sch., y observaciones sobre el *C. socius*, Boh. *pp. 17. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XIV. 8⁰. 1885.

Uhagón (S. DE) Ensayo sobre las especies Españolas del grupo "Choleoæ." *pp. 82. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XIX. 8⁰. 1890.

Uhagón (S. DE) Ensayo sobre los Maláquidos de España. *pp. 230 [1]. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XXIX & XXX. 8⁰. 1900–01.

Uhagón (S. DE) Ensayo sobre los *Zabros* de España y Portugal. *pp. 74. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Memorias, *&c.* Tom. II, mem. 8. 8⁰. 1904.

UHDE (ADOLPH) Die Länder am untern Rio Bravo del Norte, *&c. pp. viii, 431 : 1 map.* 8⁰. *Heidelberg*, 1861.

UHDE (AUGUST WILHELM JULIUS) [1807–1861] Versuch einer genetischen Entwickelung der mechanischen Krystallisations-Gesetze, *&c. pp. xxvi, 371 : 4 pls.* 8⁰. *Bremen*, 1833

UHDE (Carl Wilhelm Friedrich) [1813–1885] Ueber die Schädelform der Sandwich-Insulaner. *pp. 12 : 2 pls. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. xxviii, no. 1. 4⁰. 1861.

UHLE (Friedrich Max) [1856–] Ueber die ethnologische Bedeutung der Malaiischen Zahnfeilung. *pp. 18. See* Dresden.—koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen, *&c.* 1886–87, no. 4. 8⁰. 1887.

UHLER (Philip Reese) [1834?–1913] Report upon the collections of Hemiptera made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during . . . 1871–74. *See* United States.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v, chapter 12. 4⁰. 1875.

Uhler (P. R.) Hemiptera. *See* Kingsley (J. S.) The Standard Natural History, *&c.* Vol. ii. 4⁰. 1885.

Uhler (P. R.) Observations on the Insects of the Bermudas. *See* Heilprin (A.) The Bermuda Islands, *&c.* 8⁰. 1889.

UHLIG (Alfred Louis Johannes) [1883–] Die Gruppe des Flasergabbros im Sächsischen Mittelgebirge. Inaugural-Dissertation, *&c. pp. 54 [2] : 1 pl.* 8⁰. *Berlin*, 1906.

UHLIG (Victor Karl) [1857–1911] Ueber die liasische Brachiopodenfauna von Sospirolo bei Belluno. *pp. 52 : 5 pls.* 8⁰. [*Vienna*, 1880.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. lxxx, abth. 1.

Uhlig (V. K.) Die Cephalopodenfauna der Wernsdorfer Schichten. 4⁰. [*Vienna*,] 1882.
Denkschr. k. Acad. Wissensch. Wien. Bd. xlvi, *pp. 127–290 : 32 pls.*

Uhlig (V. K.) Foraminiferen von Jan Mayen, *&c. See* Vienna.—kaiserliche akademie der wissenschaften. Die Internationale Polarforschung, 1882–83, *&c.* Bd. iii, thl. 6, a. 4⁰. 1886.

Uhlig (V. K.) Nutzbare Mineralien. *See* Neumayr (M.) Erdgeschichte. Bd. ii. 8⁰. 1887.

Uhlig (V. K.) Bericht über die seismischen Ereignisse des Jahres 1900 in den Deutschen Gebieten Böhmens. *pp. 55 : 1 pl., 3 maps, text illust. See* Vienna.—kaiserliche akademie der wissenschaften. Mittheilungen der Erdbeben. Commission, *&c.* Neue Folge, No. iii. 8⁰. 1901.

Uhlig (V. K.) Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns und des Orients . . . Herausgegeben . . . von V. Uhlig, *&c.* Bd. xiv–xxiii. *See* Vienna.—kaiserlich-koenigliche universitaet. 4⁰. 1902–10.

Uhlig (V. K.) The Fauna of the Spiti Shales. *See* India.—*Geological Survey.* Palæontologica Indica, *&c.* Ser. XV. Himalayan Fossils. Vol. iv→ 4⁰. 1903→

UHLMANN (Johan)
Bericht des Herrn Dr. Uhlmann . . . Geologische Verhältnisse am Moosseedorfsee.
Einiges über Pflanzenreste aus der Pfahlbaustation Möringen am Bielersee (Bronzezeit).
Bericht über die Untersuchung der Knochenfunde in den Pfahlbaustellen, genannt "Hafner" im Zürichsee . . . Sommer 1868.
See Keller (F.) Die Keltischen Pfahlbauten in den Schweizerseen. Bericht 3, 7 & 8. 4⁰. 1860–79.

Uhlmann (J.)
(Substance of a report by Dr. Uhlmann on the Geological conditions of the immediate neighbourhood of) The lake of Moosseedorf, near Bern.
On the remains of Plants from the Lake Dwelling of the Bronze Age at Möringen on the lake of Bienne.
(Substance of a report on the Antiquities, Animal and Plant remains at) Greng (on the lake of Murten or Morat).
See Keller (F.) The Lake Dwellings of Switzerland . . . Second edition, *&c.* 8⁰. 1878.

UHLWORM (Oscar) *See* Botanisches Centralblatt . . Herausgegeben . . . von O. Uhlworm, *&c.* Bd. i–lxxxviii. 8⁰. 1880–1901.

—— Beihefte . . . herausgegeben . . . von O. Uhlworm. Bd. i→ 8⁰. 1891→

Uhlworm (O.) *See* Bibliotheca Botanica . . Herausgegeben von . . . O. Uhlworm, *&c.* Hft. i–xiii. 4⁰. 1886–89.

Uhlworm (O.) *See* Centralblatt fuer Bacteriologie und Parasitenkunde . . . Herausgegeben von . . . O. Uhlworm, *&c.*

Bd. i–xvi. { Abt. i, Bd. xvii–xxx. { Originale, Bd. xxxi–lv. / Referate, Bd. xxxi–xlvii. } / Abt. ii, Bd. i–xxvii. }
8⁰. 1887–1910.

UIBELAKER (P. Franz) P. F. Uibelakers System des Karlsbader Sinters unter Vorstellung schöner und seltener Stücke samt einem Versuche einer mineralischen Geschichte desselben und dahin einschlagenden Lehre über die Farben. *pp. [viii,] 72 : 39 pls. col.* fol. *Erlangen*, 1781.

UITGEZOGTE VERHANDELINGEN uit de nieuwste werken van de Societeiten der Wetenschappen in Europa en van andere geleerde mannen. Deel i, ii, iv–vi, viii–x.† 8⁰. *Amsterdam*, 1757–65.

ULE (Otto Eduard Vincenz) [1820–1876] Das Weltall.—Beschreibung und Geschichte des Kosmos im Entwicklungskampfe der Natur . . . Dritte . . . Auflage. *pp. xiv, 719 : 1 pl., text illust.* 8⁰. *Halle*, 1859.
The first edition appeared in 1850.

ULEX (Georg Ludwig) [1811–1883] & **Marx** (Carl Michael) Struvit. *See* Marx (C. M.) & Ulex (G. L.) 4⁰. [1846.]

ULFSBERG (Johannes Ericus) Plantæ Svecanæ, annonæ imprimis difficultate urgente, victui humano inservientes, quarum partem primam . . subjiciunt J. H. Olin . . . et J. E. Ulfsberg, *&c. See* Olin (J. H.) 4⁰. [1797.]

ULJANIN (B. N.) *See* Ul'yanīn.

ULKE (Henry) Report upon the collections of Coleoptera made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during . . . 1871–74. *See* United States.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v, chapter 11. 4⁰. 1875.

ULLERICH (Ad.) Der Japanische Eichenspinner *Bombyx (Antheræa) Yama-mayou* vom ersten Auftreten als Ei bis zur Entwickelung zum vollkommenen Insect (Schmetterling). *pp. 34.* 8⁰. *Eichstätt*, 1870.
Programm Kgl. Studienanstalt Eichstätt. 1869–70

ULLGREN (Olaus Matthias) [1785-1819] De Plantis tinctoriis Svecanis dissertatio, *&c. pp. 14.* 4⁰. *Upsal* [1815].

Pt. I. Subjiciunt O. M. Ullgren . . . atque C. Hallberg.
" II. " " " " " F. Segerstedt.

ULLMANN (Johann Christoph) [1771-1821] Dr. J. C. Ullmann's . . . Mineralogische Beobachtungen. Hft. 1. *pp. 160 : 4 pls.* 8⁰. *Marburg*, 1802.

Wanting Hft. 2.

Ullmann (J. C.) Systematisch-tabellarische Uebersicht der mineralogisch-einfachen Fossilien, mit erläuternden Anmerkungen und ausführlichen Beschreibungen verschiedener neu entdeckter Fossilien. *pp. viii, 490.* 4⁰. *Cassel & Marburg*, 1814.

ULLMARK (Henricus) Prolepsis Plantarum, quam . . submittit H. Ullmark, *&c. See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1760.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. vi, no. 118. 8⁰. 1763.

—— —— Editio secunda, *&c.* 8⁰. 1789.

—— [Another edition.] *See* Linnæus (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. I. 8⁰. 1786.

ULLOA (Antonio de) [1716-95] Des G. Juan und des A. de Ulloa Reise nach Süd-America (Reise nach dem Königreiche Peru), *&c. See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. ix & xv. 4⁰. 1751, 57.

Ulloa (A. de) A voyage to South America. Describing the Spanish cities . . . on that . . . continent . . . with the natural . . . history of the country. And an account of their gold and silver mines. Undertaken . . . by . . . G. Juan and . . . A. de Ulloa . . . Translated from the . . . Spanish . . . Second edition, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1760.

—— Third edition : to which are added, by . . . J. Adams . . . notes and observations ; an account of some parts of the Brazils, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1772.

Ulloa (A. de) Voyage to Magellanica. *See* Callander (J.) Terra Australis cognita, *&c.* Vol. iii. 8⁰. 1768.

Ulloa (A. de) A voyage to South America . . . undertaken . . . by . . . G. Juan and . . . A. de Ulloa, *&c. See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. xiv. 4⁰. 1813.

ULLOA (Francesco de) [-1540] Voyage to the North-West of California. [From Ramusio.] *See* Callander (J.) Terra Australis cognita, *&c.* Vol. I. 8⁰. 1766.

ULLRICH (Valentin) [1852-] Die horizontale Gestalt und Beschaffenheit Europas und Nordamerikas . . . Programm, *&c. pp. 88.* 8⁰. *Hof*, 1882.

ULLYETT (Henry) Rambles of a naturalist round Folkestone, with occasional papers on the Fauna and Flora of the district, to which are added Lists of Plants, Lepidoptera, Birds, and Land and Freshwater Shells. *pp. [vi,] 157.* 8⁰. *Folkestone*, 1880.

ULMANN (Ludovicus) Disquisitiones quædam de Villis Hominum superiorumque Animalium. Dissertatio inauguralis. *pp. 55 : 2 pls.* 8⁰. *Dorpati Livonorum*, 1855.

ULMER (Georg) Ueber die Metamorphose der Trichopteren. *pp. 154 : 4 pls., text illust. See* Hamburg.—Naturwissenschaftlicher Verein. Abhandlungen, *&c.* Bd. xviii. 4⁰. 1903.

Ulmer (G.) Ueber die von . . . Y. Sjöstedt in Kamerun gesammelten Trichopteren. *See* Stockholm. — Kongliga Svenska Vetenskaps-Akademien. Arkiv för Zoologi. Bd. I. 8⁰. 1904.

Also styled "Beiträge zur Kenntnis der Insektenfauna von Kamerun." No. 23.

Ulmer (G.) Trichoptera. *pp. 259 : 41 pls. (col.) See* Wytsman (P. A. G.) Genera Insectorum, *&c.* Trichoptera. Fasc. 60. 4⁰. 1907.

Ulmer (G.) Trichopteren. 2 Pt. *illust. See* Selys-Longchamps (M. E. de) *Baron.* Collections Zoologiques . . . Catalogue, *&c.* Fasc. 6. 4⁰. 1907.

Ulmer (G.) [Trichoptera and Ephemeridæ from south-western Australia.] *See* Michaelsen (W.) Die Fauna Südwest-Australiens, *&c.* Bd. ii, lief. 3. 8⁰. 1908.

Ulmer (G.) Trichopteren (—Ephemeriden) von Madagaskar und den Comoren. *See* Voeltzkow (A.) Reise in Ostafrika, *&c.* Bd. ii, hft. 4. 4⁰. 1909.

Ulmer (G.) [Trichoptera and Ephemerodea from the Kilimandjaro-Meru district.] *See* Sjöstedt (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905-1906, *&c.* Bd. ii, Neuroptera, no. 1 ; and Pseudoneuroptera, no. 2. 4⁰. 1910.

Ulmer (G.) Die Trichopteren des Baltischen Bernsteins. *pp. [ii,] 380 : text illust. See* Konigsberg.—Physikalisch-oekonomische Gesellschaft. Beiträge zur Naturkunde Preussens, *&c.* No. 10. 8⁰. 1912.

ULRICH (Augustus Leopoldus) [1791-1859] Annotationes quædam de sensu ac significatione ossium capitis, speciatim de capite Testudinis, *&c. pp. viii, 40 : 2 pls.* 4⁰. *Berolini*, 1816.

ULRICH (Edward Oscar) [1857-] Descriptions of new genera and species of Fossils from the Lower Silurian about Cincinnati. *pp. 22 : 1 pl.* 8⁰. *Cincinnati*, 1879.

Journ. Cincinnati Soc. Nat. Hist. Vol. ii.

Ulrich (E. O.) Catalogue of Fossils occurring in the Cincinnati Group, of Ohio, Indiana and Kentucky. *pp. 31.* 8⁰. *Cincinnati*, 1880.

Ulrich (E. O.) Contributions to American Palæontology. Vol. I, no. 1. *pp. 35 : 3 pls.* 8⁰. *Cincinnati*, 1886.

Ulrich (E. O.) Report on the Lower Silurian Bryozoa, with preliminary descriptions of some of the new species. — Remarks upon the names *Cheirocrinus* and *Calceocrinus*, with descriptions of three new generic terms and one new species. *See* Minnesota, *State of. —Geological and Natural History Survey.* Annual Reports, *&c.* No. 14. 8⁰. 1886.

Ulrich (E. O.) *See* American Geologist, *The* . . Editors . . . S. Calvin . . . E. O. Ulrich, *&c.* Vol. I—xix, no. 2. 8⁰. 1888-97.

Ulrich (E. O.) American Palæozoic Sponges.—Sponges of the Devonian and Carboniferous systems.—Palæozoic Bryozoa. *See* Illinois, *State of.—Geological Survey.* Geology and Palæontology. Vol. viii, pt. 2, sect. 3, 4 & 6. 4⁰. 1890.

Ulrich (E. O.) New and little known American Paleozoic Ostracoda. *pp. 75 : 12 pls.* 8⁰. [*Cincinnati,*] 1890.

Journ. Cincinnati Soc. Nat. Hist. Vol. xiii.

Ulrich (E. O.) New and little known Lamellibranchiata from the Lower Silurian rocks of Ohio and adjacent States. *See* OHIO, *State of.—Geological Survey.* Report, *&c.* Vol. VII, pt. 2, Palæontology. 8⁰. [1894.]

The description and figures of many of the species were originally prepared for Vol. III, pt. 2, Palæontology, which was never published.

Ulrich (E. O.) [Fossil Bryozoa and Ostracoda, revised and extended by E. O. Ulrich.] *See* ZITTEL (K. A. VON) Text-Book of Palæontology . . . English edition, *&c.* Vol. I, pt. 1. 8⁰. 1896.

—— [Another issue.] 8⁰. 1900.

Ulrich (E. O.) Zinc and Lead deposits of northern Arkansas, by G. I. Adams . . . with a section on the Determination and Correlation of formations, by E. O. Ulrich. *pp. 118, 1 tab.: 23 pls., 4 maps (3 geol. col.), text illust. See* UNITED STATES.—*Geological Survey.* Professional Paper No. 24. 4⁰. 1904.

Ulrich (E. O.) Fossils and Age of the Yakutat formation . . . chiefly near Kadiak, Alaska. *See* WASHINGTON ACADEMY OF SCIENCES, Harriman Alaska Expedition, *&c.* Vol. IV. 8⁰. 1904.

Ulrich (E. O.) & **Bain** (H. F.) The Copper deposits of Missouri. *pp. 52: 1 pl., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 267. 8⁰. 1905.

Ulrich (E. O.) & **Everett** (O.) Descriptions of Lower Silurian Sponges. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VIII, pt. 2, sect. V. 4⁰. 1890.

Ulrich (E. O.) & **Smith** (W. S. T.) The Lead, Zinc, and Fluorspar deposits of western Kentucky. *pp. 218: 12 pls., 3 maps geol. col., text illust. See* UNITED STATES.—*Geological Survey.* Professional Paper No. 36. 4⁰. 1905.

ULRICH (GEORGE HENRY FREDERICK) [1830-1900] Observations on the mode of occurrence and the treatment of Auriferous, Lead, and Silver Ores, at Schemnitz, Upper Hungary. *pp. 54: 3 pls.* 8⁰. *Melbourne*, 1868.

Ulrich (G. H. F.) Contributions to the Mineralogy of Victoria. *pp. 32.* 8⁰. *Melbourne*, 1870.

Ulrich (G. H. F.) Report of the Mineral Resources of the Country lying within 250 miles North of Port Augusta. *See* SOUTH AUSTRALIA. Mineral Resources, *&c.* 4⁰. [1872.]

Ulrich (G. H. F.) Gold Fields of Otago. *See* HUTTON (F. W.) Report on the Geology & Gold Fields of Otago, *&c.* Pt. II. 8⁰. 1875.

Ulrich (G. H. F.) & **Hutton** (F. W.) Report on the Geology & Gold Fields of Otago, *&c.* *See* HUTTON (F. W.) 8⁰. 1875.

Ulrich (G. H. F.) & **Selwyn** (A. R. C.) Notes sur la Géographie physique, la Géologie et la Minéralogie de Victoria . . . Traduit de l'Anglais, *&c.* *pp. 127: 4 pls., 1 map col., text illust. See* MELBOURNE.—*Intercolonial Exhibition, 1866.* 8⁰. 1866.

ULRICH (MELCHIOR) [1802-1893] Die Klariden. [By M. Ulrich.] *pp. 24: 2 pls. col. See* ZURICH.—NATURFORSCHENDE GESELLSCHAFT. An die Zürcherische Jugend auf das Jahr 1860. Stück LXII. 4⁰. 1860.

ULTRAIECTUM. *See* UTRECHT.

UL'YANĪN (BASĪLIĬ NĪKOLAEVĪCH) [1840-1889] [Crustacea of Turkestan.] *pp. iv, 61: 13 pls. (col.) See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. XI, vuip. 6. 4⁰. 1875.

—— [Another issue.] *See* FEDCHENKO (A. P.) Puteshestvie v Turkestan (Reise in Turkestan), *&c.* Tom. II, chast 3. 4⁰. 1875.

—— [For a translation of the introductory portion revised by the author] *See* LANSDELL (H.) Russian Central Asia, *&c.* Vol. II, Appendix A. 8⁰. 1885.

Ul'yanīn (B. N.) Nablyudeniya nad razvītiem Podur. [Observations on the development of *Podura.*] *pp. 12: 5 pls. See* MOSCOW.—ĪMPERATORSKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA ANTROPOLOGHIĪ Ī ÉTNOGHRAFIĪ, *&c.* Īzvyestiya, *&c.* Tom. XVI, vuip. 3. 4⁰. 1875.

Ul'yanīn (B. N.) Die Arten der Gattung *Doliolum* im Golfe von Neapel und den angrenzenden Meeresabschnitten. *pp. viii, 140: 12 pls., text illust. See* NAPLES.—ZOOLOGISCHE STATION. Fauna und Flora des Golfes von Neapel, *&c.* Monog. X. 4⁰. 1884.

UMBERGER (HARRY J. C.) The Smuts of Sorghum. *pp. 9. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Circular No. 8. 8⁰. 1908.

UMLAUFF (AUGUSTO F.) El Cinabrio de Huancavelica. *pp. 62, 1 tab.: 1 pl. col., 1 map col., text illust. See* PERU.—CUERPO DE INGENIEROS DE MINAS. Boletín, *&c.* No. 7. 8⁰. 1904.

UMLAUFT (ANTON) K. k. Hofgarten zu Schönbrunn. *See* VIENNA. Die Botanischen Anstalten Wiens im Jahre 1894. No. II. 8⁰. 1894.

UMPLEBY (JOSEPH B.) [1883-] Geology and Ore deposits of Republic Mining district. *pp. 68: 10 pls., 1 map geol. col., text illust. See* WASHINGTON, *State of.—Geological Survey.* Bulletin No. 1. 8⁰. 1910.

Umpleby (J. B.) Geology and Ore deposits of the Myers Creek Mining district.—Geology and Ore deposits of the Oroville-Nighthawk Mining district. *pp. 111: 1 pl., 2 maps geol. col., text illust. See* WASHINGTON, *State of.—Geological Survey.* Bulletin No. 5. 8⁰. 1911.

Umpleby (J. B.) Geology and Ore deposits of Lemhi county, Idaho. *pp. 182: 21 pls., 2 maps (1 geol. col.), text illust. See* UNITED STATES.—*Geological Survey.* Bulletin 528. 8⁰. 1913.

UNAMUNDO (TELESFORO DE ARANZADI Y) *See* ARANZADI Y UNAMUNDO.

UNANUE (JOSÉ HIPÓLITO) [1755 (or 8 ?)-1833] Observaciones sobre el Clima de Lima, y sus influencias en los seres organizados, en especial el Hombre. *pp. [xvi,] cxcviii.* 8⁰. *Lima*, 1806.

UNDERWOOD (CECIL F.) Fauna de Costa Rica. *See* GUATEMALA, *City of.—Primera Exposición Centroamericana de Guatemala, 1897.* Documentos, *&c.* No. 8. 8⁰. 1897.

UNDERWOOD (JOHN) [fl. 1780-1834] Catalogue of Plants, &c. in the Dublin Society's Botanic Garden, *&c.* [By J. Underwood.] *pp. xiii, 44. See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. I, pt. 2. 8⁰. 1800.

—— [Second edition.] *pp. 247. See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. II, pt. 2. 8⁰. 1802.

—— [Third edition.] *pp. 134. See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. IV. 8⁰. 1804.

In this edition Underwood's name appears on the title-page.

UNDERWOOD (Lucien Marcus) [1853–1907] [Our Native Ferns and how to study them *&c.* 8⁰. *Bloomington, Ill.*, 1881.]
Wanting.

—— Second . . . edition, *&c.* *pp. 134 : 1 pl., text illust.* 8⁰. *Bloomington, Ill.*, 1882.

—— Fourth edition, *&c.* *pp. xii, 156 : 1 pl., text illust.* 8⁰. *New York*, 1893.

Underwood (L. M.) [Hepaticæ.] *See* Gray (A.) Manual of the Botany of the Northern United States . . . Sixth edition, *&c.* 8⁰. 1890.

Underwood (L. M.) Index Hepaticarum. Pt. I.† Bibliography. *pp. 91. See* Torrey Botanical Club. Memoirs, *&c.* Vol. IV, no. 1. 8⁰. 1893.

Underwood (L. M.) [For descriptions of Plants, *&c.*] *See* Greene (E. L.) *& others.* Plantæ Bakerianæ. 8⁰. [1901.]

Underwood (L. M.) Marattiaceæ. *See* New York, *City of.—New York Botanical Garden.* North American Flora. Vol. XVI, pt. 1. 8⁰. 1909.

Underwood (L. M.) & **Benedict** (R. C.) Ophioglossaceæ. *See* New York, *City of.—New York Botanical Garden.* North American Flora. Vol. XVI, pt. 1. 8⁰. 1909.

Underwood (L. M.) & **Earle** (F. S.) A preliminary List of Alabama Fungi. 8⁰. *Montgomery, Ala.*, 1897.
Alabama Agric. Exper. Stat. Agric. Coll. Auburn. Bull. No. 80, *pp. 113–283, xvii.*

UNGARISCHE AKADEMIE DER WISSENSCHAFTEN.
See Budapest.—Magyar tudományos akadémia.

UNGARISCHE GEOGRAPHISCHE GESELLSCHAFT.
See Budapest.—Magyar földrajzi társulat.

UNGARISCHE GEOLOGISCHE GESELLSCHAFT.
See Budapest.—Magyarhoni földtani társulat.

UNGEBAUER (Johan Andreas) [–1781] Foliorum in Plantis historiam . . . responsuro J. A. Ungebauer, *&c.* *See* Plaz (A. G.) 4⁰. [1740.]

Ungebauer (J. A.) Dissertatio physica de cultura Plantarum, quam . . . defendet præses M. J. A. Ungebauer . . . respondente J. C. Hebenstreitio, *&c.* *pp. 28.* 4⁰. *Lipsiæ* [1741].

UNGER (F. F.) Anatomisch-physiologische Untersuchung über die Teichmuschel. *pp. vi, 36 : 1 pl.* 8⁰. *Wien*, 1827.

UNGER (Franz Joseph Andreas Nicolaus) [1800–1870] Die Exantheme der Pflanzen und einige mit diesen verwandte Krankheiten der Gewächse pathogenetisch und nosographisch dargestellt. *pp. xii, 422 : 7 pls. col.* 8⁰. *Wien*, 1833.

Unger (F. J. A. N.) Ueber den Einfluss des Bodens auf die Vertheilung der Gewächse nachgewiesen in der Vegetation des nordöstlichen Tirol's. *pp. xxiv, 367, 6 tabs. : 3 maps.* 8⁰. *Wien*, 1836.

Unger (F. J. A. N.) Die Schwierigkeiten und Annehmlichkeiten des Studiums der Botanik. Ein Vortrag, *&c.* *pp. 11.* 8⁰. [*Vienna ?*] 1837.

Unger (F. J. A. N.) Aphorismen zur Anatomie und Physiologie der Pflanzen. *pp. 20, 1 tab.* 8⁰. *Wien*, 1838.

Unger (F. J. A. N.) Beiträge zur vergleichenden Pathologie, *&c.* *pp. vi, 42 : 1 pl. col.* 4⁰. *Wien*, 1840.

Unger (F. J. A. N.) Ueber den Bau und das Wachsthum des Dicotyledonen-Stammes, *&c.* *pp. 204 : 16 pls.* 4⁰. *St. Petersburg*, 1840.

Unger (F. J. A. N.) Chloris protogæa.—Beiträge zur Flora der Vorwelt. *pp. cx, 149 : 50 pls. col.* 4⁰. *Leipzig*, [1841–] 1847.
Issued in ten parts, as follows :—Hft. 1 in 1841 ; 2 & 3 in 1842 ; 4 & 5 in 1843 ; 6 & 7 in 1845 ; and 8–10 in 1847. (Information from Carl Gerold's Sohn.)

Unger (F. J. A. N.) Die Pflanze im Momente der Thierwerdung. *pp. [iv,] 99 : 1 pl. col.* 8⁰. *Wien*, 1843.

Unger (F. J. A. N.) Ueber merismatische Zellbildung bei der Entwicklung des Pollens. [*pp. 9 :*] *1 pl.* 4⁰. [*Gratz,*] 1844.
Amtl. Ber. 21. Versamml. Deutsch. Naturf. & Aerzte

Unger (F. J. A. N.) De Palmis fossilibus. *See* Martius (C. F. P. von) Historia naturalis Palmarum, *&c.* Vol. I [fasc. 8]. fol. [1845.]

Unger (F. J. A. N.) Synopsis Plantarum Fossilium. *pp. xviii, 330.* 8⁰. *Lipsiæ*, 1845.

Unger (F. J. A. N.) Grundzüge der Anatomie und Physiologie der Pflanzen. *pp. xiv, 131.* 8⁰. *Wien*, 1846.

Unger (F. J. A. N.) Die fossile Flora von Sotzka. *pp. 65 : 47 pls.* 4⁰. *Wien*, 1850.
Denkschr. k. Akad. Wissensch. Wien. Bd. II.

Unger (F. J. A. N.) Genera et species Plantarum Fossilium. *pp. xl, 627.* 8⁰. *Vindobonæ*, 1850.

Unger (F. J. A. N.) Die Pflanzenwelt der Jetztzeit in ihrer historischen Bedeutung. *pp. 46.* fol. *Wien*, 1851.
Denkschr. k. Akad. Wissensch. Wien. Bd. III.

Unger (F. J. A. N.) [Die Urwelt in ihren verschiedenen Bildungsperioden, *&c.* fol. *München*, 1851.]
Wanting.

—— Dritte Auflage. *16 pls., with descriptive letterpress.* fol. *Leipzig*, 1864.

Unger (F. J. A. N.) Botanische Briefe. *pp. x, 156 : text illust.* 8⁰. *Wien*, 1852.

Unger (F. J. A. N.) Botanical Letters to a friend . . . translated by . . . B. Paul. *pp. vii, 116 : 1 pl., text illust., engr. title.* 8⁰. *London*, 1853.

Unger (F. J. A. N.) Iconographia Plantarum Fossilium. — Abbildungen und Beschreibungen fossiler Pflanzen. 4⁰. [*Vienna*, 1852.]
Denkschr. k. Akad. Wissensch. Wien. Bd. IV, *pp. 73–118 : 22 pls.*

Unger (F. J. A. N.) Versuch einer Geschichte der Pflanzenwelt, *&c.* *pp. xvi, 365 : text illust.* 8⁰. *Wien*, 1852.

Unger (F. J. A. N.) Die fossile Flora von Gleichenberg. *pp. 28 : 8 pls. col.* 4⁰. *Wien*, 1854.
Denkschr. k. Akad. Wissensch. Wien. Bd. VII.

Unger (F. J. A. N.) Anatomie und Physiologie der Pflanzen. *pp. xix, 461 : text illust.* 8⁰. *Pest, &c.*, 1855.

Unger (F. J. A. N.) Ueber fossile Pflanzen des Süsswasser-Kalkes und Quarzes. *pp. 33 : 6 pls. col., text illust.* 4⁰. [*Vienna,*] 1857.
Denkschr. k. Akad. Wissensch. Wien. Bd. XIV.

Unger (F. J. A. N.) Der versteinerte Wald bei Cairo und einige andere Arten verkieselten Holzes in Aegypten. *pp. 27 : 3 pls. col.* 8⁰. *Wien*, 1858.
Sitzungsber. k. Akad. Wissensch. Wien. Bd. XXXIII, with the addition of a title-page on which the wording of the title is changed.

Unger (F. J. A. N.) Die Pflanzenreste der Lignit-Ablagerung von Schönstein. *See* ROLLE (F.) Die Lignit-Ablagerung des Beckens von Schönstein, *&c.* 8⁰. 1860.

Unger (F. J. A. N.) I. Die versunkene Insel Atlantis. II. Die physiologische Bedeutung der Pflanzencultur. Zwei Vorträge, *&c. pp. 67.* 8⁰. *Wien*, 1860.

Unger (F. J. A. N.) Sylloge Plantarum Fossilium.—Sammlung fossiler Pflanzen besonders aus der Tertiär-Formation. 2 Pt. *illust.* 4⁰. *Wien*, 1860, 64.
Denkschr. k. Akad. Wissensch. Wien. Bd. XIX & XXII.

Unger (F. J. A. N.) Neu-Holland in Europa. Ein Vortrag, *&c. pp. 72 : text illust.* 8⁰. *Wien*, 1861.

Unger (F. J. A. N.) Ueber die Entdeckung des Neuholländischen Charakters der Eocenflora Europa's und über die Anwendung des Naturselbstdruckes zur Förderung der Botanik und Paläontologie, als Entgegnung auf die Schrift des . . . F. Unger : "Neuholland in Europa." *See* ETTINGSHAUSEN (C. VON) *Baron.* 8⁰. 1862.

Unger (F. J. A. N.) Wissenschaftliche Ergebnisse einer Reise in Griechenland und in den Jonischen Inseln. *pp. xii, 213 : 3 pls., 1 map col., text illust.* 8⁰. *Wien*, 1862.

Unger (F. J. A. N.) Fossile Pflanzenreste aus Neu-Seeland. *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59, *&c.* Geologischer Theil. Bd. I, abth. 2. 4⁰. 1865.

Unger (F. J. A. N.) Flore Tertiaire moyenne [of Asia Minor]. *See* TCHIHATCHEFF (P. DE) Asie Mineure, *&c.* Pt. IV, Paléontologie. 8⁰. & 4⁰. 1866.

Unger (F. J. A. N.) Grundlinien der Anatomie und Physiologie der Pflanzen. *pp. iv, 178 : text illust.* 8⁰. *Wien*, 1866.

Unger (F. J. A. N.) Die fossile Flora von Kumi auf der Insel Eubœa. *pp. 66 : 17 pls., text illust.* 4⁰. *Wien*, 1867.
Denkschr. k. Akad. Wissensch. Wien. Bd. XXVII.

Unger (F. J. A. N.) Die Pflanze als Todtenschmuck und Grabeszier. Ein Vortrag, *&c. pp. 27.* 8⁰. *Wien*, 1867.

Unger (F. J. A. N.) Die fossile Flora von Radoboj in ihrer Gesammtheit und nach ihrem Verhältnisse zur Entwickelung der Vegetation der Tertiärzeit. *pp. 46 : 5 pls.* 4⁰. *Wien*, 1869.
Denkschr. k. Akad. Wissensch. Wien. Bd. XXIX.

Unger (F. J. A. N.) Die fossile Flora von Szántó in Ungarn. *pp. 20 : 5 pls.* 4⁰. *Wien*, 1869.
Denkschr. k. Akad. Wissensch. Wien. Bd. XXX.

Unger (F. J. A. N.) Geologie der Europäischen Waldbäume. I. Laubhölzer (II. Nadelhölzer). *pp. 135 : 3 pls. (col.)* 8⁰. *Graz*, 1869–70.
Mittheil. Naturw. Verein Steiermark. Bd. II.

Unger (F. J. A. N.) Ueber die seinerzeit von Unger beschriebenen strukturbietenden Pflanzenreste des Unterculm von Saalfeld in Thüringen. Von H. Grafen zu Solms-Laubach. *See* PRUSSIA.—KOENIGLICH-PREUSSISCHE GEOLOGISCHE LANDES-ANSTALT, *&c.*. Abhandlungen, *&c.* Neue Folge, Hft. 23. 8⁰. 1896.

Unger (F. J. A. N.) & **Endlicher** (S. L.) Grundzüge der Botanik. *See* ENDLICHER (S. L.) & UNGER (F. J. A. N.) 8⁰. 1843.

Unger (F. J. A. N.) & **Kotschy** (T.) Die Insel Cypern, ihrer physischen und organischen Natur nach, mit Rücksicht auf ihre frühere Geschichte. *pp. xii, 598 : 1 pl., 1 map col., text illust.* 8⁰. *Wien*, 1865.

Unger (F. J. A. N.) & **Richter** (R.) Beitrag zur Paläontologie des Thüringer Waldes (Schiefer- und Sandsteinflora. Von F. Unger), *&c.* *See* RICHTER (R.) & UNGER (F. J. A. N.) 4⁰. 1756.

UNGERN-STERNBERG (FRANZ) *Baron* [-1868] Versuch einer Systematik der Salicornieen, *&c.* [Thesis.] *pp. xiv, 114.* 8⁰. *Dorpat*, 1866.

UNGERUS (JOANNES GODOFREDUS) De עֲרוּת, hoc est, de Papyro frutice . . ad Esaiæ xix, 7 . . . disseret præses M. J. G. Ungerus . . . respondente I. E. Hahnio, *&c. pp. 42.* 4⁰. *Lipsiæ* [1731].

UNGNAD (CHRISTIAN SAMUEL) Dissertatio inauguralis physico-medica de Malo Persica, *&c. pp. 34.* 4⁰. *Francofurti ad Viadrum* [1757].

UNIACKE (JOHN) Narrative of Mr. Oxley's expedition to survey Port Curtis and Moreton Bay, *&c.*—Narrative of T. Pamphlet . . . who was with two other men wrecked on the coast of New Holland in . . . 1823, and lived among the natives for seven months. *See* FIELD (B.) Geographical Memoirs on New South Wales, *&c.* 8⁰. 1825.

UNION OF SOUTH AFRICA.
See SOUTH AFRICA, *Union of.*

UNION PACIFIC RAILROAD COMPANY.
The Fossil Fields of Wyoming. Reports by members of the Union Pacific Expedition. *pp. 62 : text illust.* 8⁰. *Omaha, Neb.*, 1909.
Contains, *inter alia* :—
Story of the Discoveries. [By] W. H. Reed.
Geology of the Laramie Plains. [By] G. C. Broadhead.
Topography of central Wyoming. [By] G. L. Collie.

UNIONE ZOOLOGICA ITALIANA.
[Founded 1900.]
Archivio Zoologico. Pubblicato sotto gli auspicii della Unione, *&c.* Vol. I→ *illust. (col.)* 8⁰. *Napoli & Berlin*, 1902→

UNITED EMPIRE: the Royal Colonial Institute Journal, *&c.* (New Series) Vol. I→ *See* ROYAL COLONIAL INSTITUTE. 8⁰. 1910→

UNITED STATES. [*Voyages, &c. -Alaska.*]
Cruise of the Revenue-Steamer Corwin in Alaska and the N.W. Arctic Ocean in 1881. Notes and memoranda, *&c. pp. 120 : 12 pls., text illust.* 4⁰. *Washington* [*D.C.*], 1883. 5461 G7.8
I. Medical and Anthropological notes on Alaska, by I. C. Rosse.
II. Botanical notes on Alaska, by J. Muir.
III. Birds of Bering Sea and the Arctic Ocean, by E. W. Nelson.
IV. List of Fishes known to occur in the Arctic Ocean north of Bering Strait, by T. H. Bean.

United States. [*Voyages, &c.—Alaska.*]
Report of the cruise of the U.S. Revenue Steamer Thomas Corwin in the Arctic Ocean, 1881. By Capt. C. L. Hooper. (On the glaciation of the Arctic and Subarctic regions . . . By J. Muir.) *pp. 147 : 3 pls., 2 col., 13 photos., text illust.* 4⁰. *Washington* [*D.C.*], 1885.

United States. [*Voyages, &c.—Alaska.*]
Report of the International Polar Expedition to Point Barrow, Alaska, *&c. pp. 695 : 21 pls., 2 maps.* 4⁰. *Washington* [*D.C.*], 1885. 5736 F4
Pt. I. Orders, *&c.*
,, II. Narrative, by Lieut. P. H. Ray.
,, III. Ethnographic sketch of the natives of Point Barrow. By Lieut. P. H. Ray.
,, IV. Natural History, by J. Murdoch.—1. Mammals (2. Birds.—3. Fishes.—4. Insects.—5. Marine Invertebrates, exclusive of Mollusks) by J. Murdoch ; 6. Mollusks, by W. H. Dall ; 7. Collecting localities and dredging stations ; 8. Plants, by A. Gray ; Appendix.
,, V. Meteorology.
,, VI. Magnetism.
,, VII. Tides.
,, VIII. Miscellaneous observations.

United States. [*Voyages, &c.—Alaska.*]
Report upon the Natural History collections made in Alaska between . . . 1877 and 1881 by E. W. Nelson. Edited by H. W. Henshaw. *pp. 337 : 21 pls.*
4⁰. *Washington* [*D.C.*], 1887.

Narrative by E. W. Nelson.
Pt. 1. Birds . . . with a partial Bibliography of Alaskan Ornithology, by E. W. Nelson.
,, 2. Mammals . . . by E. W. Nelson and F. W. True.
,, 3. Fishes, by E. W. Nelson, with additional notes by T. H. Bean.
,, 4. Diurnal Lepidoptera collected . . . by E. W. Nelson, by W. H. Edwards, with an introduction by E. W. Nelson.

United States. [*Voyages, &c.—Amazon Valley.*]
Exploration of the Valley of the Amazon made . . . by W. L. Herndon and L. Gibbon. 2 Vol. *illust.* & Atlas, 2 Vol. 8⁰. *Washington* [*D.C.*], 1853–54.

Vol. II wants the plate of "Vinchuta (Bolivia)."

United States. [*Voyages, &c.—Arctic.*]
The U.S. Grinnell Expedition in search of Sir J. Franklin, *&c.* *See* KANE (E. K.) 8⁰. 1854.

United States. [*Voyages, &c.—Arctic.*]
Arctic Explorations : The Second Grinnell Expedition, *&c.* *See* KANE (E. K.) 8⁰. 1856.

United States. [*Voyages, &c.—Arctic.*]
[Narrative of the North Polar Expedition. U.S. Ship Polaris, Captain C. F. Hall commanding. Edited under the direction of the Hon. G. M. Robeson . . . by Rear-Admiral C. H. Davis (and J. E. Nourse).
4⁰. *Washington, D.C.*, 1876.]

Wanting.

—— Third edition. *pp. 696 : 35 pls., 6 maps, text illust.*
8⁰. *London*, 1881.

The title-page only was printed in London, having been substituted by the publisher here for the original.

United States. [*Voyages, &c.—Arctic.*]
Narrative of the Second Arctic Expedition made by C. F. Hall : his Voyage to Repulse Bay, Sledge Journeys to the Straits of Fury and Hecla and to King William's Land, and residence among the Eskimos during . . . 1864–69. Edited . . . by . . . J. E. Nourse. *pp. l, 644. 8 pls., 21 maps, text illust.* 4⁰. *Washington* [*D.C.*], 1879.

Appendix III : On the Geology of Frobisher Bay and Field Bay, *&c.* By B. K. Emerson.

United States. [*Voyages, &c.—Atlantic.*]
Cruise of School-Ship "Mercury" in Tropical Atlantic Ocean. 1870–1871. *pp. 33 : 1 pl., 1 map, text illust.*
8⁰. *New York*, 1871.

United States. [*Voyages, &c.—China Seas & Japan.*]
Narrative of the expedition of an American squadron to the China Seas and Japan . . . in . . . 1852–54, under the command of Commodore M. C. Perry . . . compiled . . . by F. L. Hawks. 3 Vol. *illust.*
4⁰. *Washington* [*D.C.*], 1856.

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Report . . . on the Agriculture of Madeira, the Cape of Good Hope, Mauritius, *&c.* By D. S. Green.
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Report . . . on the . . . Agriculture of the Island of Great Lew Chew. By D. S. Green.
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Report . . . of a Geological exploration, *&c.*, of the Island of Great Lew Chew. By G. Jones.
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Birds collected in Japan (—China, the Loo Choo Islands, the Islands of Singapore and Ceylon, and on the coast of California). By J. Cassin.

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Narrative of the expedition, *&c.* (contd.)]

[Vol. II (contd.).]
Notes on some figures of Japanese Fish, *&c.* By J. C. Brevoort.
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,, III. Observations on the Zodiacal Light, *&c.*

—— [Another edition of the narrative.] *pp. vii, 624 : 76 pls., 9 maps, text illust.* 8⁰. *New York*, 1856.

United States. [*Voyages, &c.—China Seas & Japan.*]
Reise um die Erde nach Japan an Bord der Expeditions-Escadre unter Commodore M. C. Perry in . . . 1853–55 [*i.e.* 1852–54], *&c.* *See* HEINE (P. B. W.)
8⁰. 1856.

United States. [*Voyages, &c.—North Pacific.*]
Shells of the North Pacific exploring expedition, Commanders Ringgold and Rodgers, *&c.* *See* GOULD (A. A.) Otia Conchologica, *&c.* 4⁰. 1862.

United States. [*Voyages, &c.—North Pacific.*]
Report on the Crustacea (Brachyura and Anomura) collected by the North Pacific Exploring Expedition, 1853–56. By W. Stimpson. *pp. 240 : 26 pls.* *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. (No. 1717) Vol. XLIX. 8⁰. 1907.

United States. [*Voyages, &c.—Palestine.*]
Narrative of the . . . expedition to the River Jordan and the Dead Sea. *See* LYNCH (W. F.) 8⁰. 1849.

United States. [*Voyages, &c.—Palestine.*]
Official Report of the . . . expedition to explore the Dead Sea and the River Jordan, by . . . W. F. Lynch, *&c.* *pp. 235 : 31 pls., 1 map, text illust.*
4⁰. *Baltimore*, 1852.

Contains, *inter alia* :—
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,, V. Geological reconnaissance of part of the Holy Land, by H. J. Anderson.
,, VI. Palæontological Report : Description of the Fossils of Syria, by T. A. Conrad.
The plates are 8⁰. size, placed in pairs.

United States. [*Voyages, &c.—South America.*]
The U. S. Naval Astronomical Expedition to the southern hemisphere, during . . . 1849–52. Lieut. J. M. Gilliss, Superintendent, *&c.* Vol. I & II.
4⁰. *Washington* [*D.C.*], 1855.

Vol. I. Chile : its geography, climate . . . mineral and agricultural resources . . . &c. By Lieut. J. M. Gilliss. (Appendix A, B & C.) *pp. xiii, 556 : 12 pls., 1 map.*
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Appendix F. Zoology.
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Reptiles. By C. Girard.
Fishes. By C. Girard.
Crustacea. By C. Girard.
Shells. By A. A. Gould.
Appendix G. Botany.
List of dried Plants brought from Chile . . . By A. Gray.
List of living Plants and Seeds. By W. D. Brackenridge.
Appendix H. Palæontology.
Description of a portion of the lower jaw and a tooth of the *Mastodon Andium* ; also of a tooth and fragment of the femur of a Mastodon from Chile. By J. Wyman.
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Four other volumes, dealing with Meteorology and Astronomy, were also published.

United States. [*Voyages, &c.—Wilkes Expedition.*]
Synopsis of the cruise of the U.S. Exploring Expedition, during 1838–42, *&c.* *See* WILKES (C.) 4⁰. 1842.

United States. [*Voyages, &c.—Wilkes Expedition.*]
United States Exploring Expedition . . . 1838-42. Under the command of C. Wilkes.
fol. *Philadelphia*, 1845-76.

736G

Vol. I-V. Narrative . . . By C. Wilkes, & Atlas, *5 maps.* 1845.
[According to the Catalogue of the Library of Congress, these volumes were first issued in 1844, which is the official date of their registration, as given on the back of the title-page.]
,, [VII.] Zoophytes. By J. D. Dana. *pp. 740, 12 : 61 pls. (col.), text illust.* 1846, 49.
,, [VIII.] Mammalogy and Ornithology. By J. Cassin. *pp. viii, 466 : 42 pls. col.* 1858.
[This section, originally written by T. R. Peale, and published in 1848, was afterwards suppressed.]
,, [X.] Geology. By J. D. Dana. *pp. xii, 756 : 4 maps, text illust.* Atlas, *pp. 6 : 21 pls.* [1849.]
,, XII. Mollusca and Shells. By A. A. Gould. *pp. xv, 510 : 52 pls. col.* 1852-56.
,, XIII. Crustacea. By J. D. Dana. 2 Pt. *pp. viii, 1618, 27 : 96 pls. (col.)* 1852-55.
,, XIV. Botany. Phanerogamia. By A. Gray. *pp. 777, 4 : 100 pls.* 1854-57.
,, XV. Pt. 1. The Geographical Distribution of Animals and Plants. By C. Pickering. *pp. 168 [44].* 1854.
Pt. 2. Plants in their wild state. By C. Pickering. *pp. [iii,] 524 : 3 maps col.* 1876.
,, XVI. Botany. Cryptogamia. Filices, including Lycopodiaceæ and Hydropterides. By W. D. Brackenridge. *pp. viii, 357, 7 : 46 pls.* 1854-55.
,, XVII. Botany. *pp. 514 : 29 pls.*
I. Lower Cryptogamia.
[Musci. By W. S. Sullivant. *pp. 112.*]
Wanting.
Lichenes. By E. Tuckerman.
Algæ. By J. W. Bailey and W. H. Harvey.
Fungi. By M. A. Curtis and M. J. Berkeley. 1862.
II. Phanerogamia of the Pacific coast of North America. By J. Torrey. 1874.
,, [XX.] Herpetology. By C. Girard. *pp. xvii, 496, 10 : 32 pls. col.* 1858.
[For notes on the dates of publication of the volumes, *See* paper by F. S. Collins in "Rhodora," Vol. XIV, 1912, pp. 57-68.]

—— [Another issue.] Vol. XV, pt. 1. *pp. 168 [44].*
fol. *Washington [D.C.]*, 1863.
Differs only in the title-page.

—— [Another edition.] Vol. XVII. Musci. *pp. 32 : 26 pls.* fol. *Washington [D.C.]*, 1859.

United States. [*Voyages, &c.—Wilkes Expedition.*]
Narrative of the United States Exploring Expedition, during the years 1838-42. By C. Wilkes. 2 Vol. *illust.*
8°. *London*, 1852.
An abridged reprint of Vol. I-V of the original American edition.

United States. [*Voyages, &c.—Wilkes Expedition.*]
Conspectus Crustaceorum, quæ in orbis terrarum circumnavigatione, C. Wilkes . . . duce . . . lexit et descripsit J. D. Dana, *&c.* *See* Dana (J. D.) 8°. 1847-49.

United States. [*Voyages, &c.—Wilkes Expedition.*]
Expedition Shells: described for the work of the United States Exploring Expedition, commanded by C. Wilkes . . . during . . . 1838-42. *See* Gould (A. A.) Otia Conchologica, *&c.* No. I. 4°. 1862.
Proc. Boston Soc. Nat. Hist. 1846.

UNITED STATES.—Bureau of Education.
Public Libraries in the United States of America, *&c.* 2 Pt. 8°. *Washington [D.C.]*, 1876.
Pt. II. Rules for a printed Dictionary Catalogue by C. A. Cutter. *pp. 89.*

UNITED STATES.—Coast and Geodetic Survey.
Annual Report of the Superintendent . . . showing the progress . . . during . . . 1851. 8°. *Washington [D.C.]*, 1852.
[*Continued as :*]
Report, *&c.* 1852→ 4°. *Washington [D.C.]*, 1853→

United States.—Coast and Geodetic Survey.
Special Publication No. 4→
4°. *Washington [D.C.]*, 1900→

United States.—Coast and Geodetic Survey.
List and Catalogue of the Publications issued by the U.S. Coast and Geodetic Survey, 1816-1902. By E. L. Burchard. *pp. 239.* 8°. *Washington [D.C.]*, 1902.

United States.—Coast and Geodetic Survey.
Deep-sea Sounding and Dredging. A description and discussion of the methods and appliances used on board the . . . Survey Steamer "Blake." By C. D. Sigsbee. *pp. 221 : 43 pls., text illust.* 4°. *Washington [D.C.]*, 1880.

United States.—Coast and Geodetic Survey.
Geodesy. The Figure of the Earth and Isostasy from measurements in the United States. By J. F. Hayford. *pp. 178 : 1 pl., 5 maps.* 4°. *Washington [D.C.]*, 1909.

—— Supplementary investigation in 1909 of the Figure of the Earth and Isostasy. By J. F. Hayford. *pp. 80 : 6 maps.* 4°. *Washington, D.C.*, 1910.

UNITED STATES. — Commission of Fish and Fisheries.
See infra, Fishery Reports.—*Bureau of Fisheries.*

UNITED STATES.—Congress.
Library of Congress. Report of the Librarian . . . for the . . . year ending June 30, 1906 (1907→).
8°. *Washington [D.C.]*, 1906 (1907→).

United States.—Congress.
Alphabetical Catalogue of the Library of Congress. Authors. *pp. 1236.* 4°. *Washington [D.C.]*, 1864.

United States.—Congress.
Catalogue of Books added to the Library of Congress . . . 1866 to . . . 1867 (1868-75). 7 Vol.
4°. *Washington [D.C.]*, 1868-76.

United States.—Congress.
Catalogue of the Library of Congress. Index of Subjects. 2 Vol. 4°. *Washington [D.C.]*, 1869.

United States.—Congress.
Handbook of the . . . Library, *&c.* *See* Small (H.)
8°. 1897.

United States.—Congress.
The new Congressional Library. *See* Maury (N. B.)
8°. [1897.]

United States.—Congress.
Library of Congress. A. L. A. Catalog . . . with notes . . . Prepared by the New York State Library and the Library of Congress, under the auspices of the American Library Association Publishing Board. Editor, M. Dewey . . . Associate editors, M. Seymour . . . [and] Mrs. H. L. Elmendorf. 2 Pt. [in 1.]
8°. *Washington [D.C.]*, 1904.

United States.—Congress.
Library of Congress. A. L. A. Portrait Index. Index to Portraits contained in Printed Books and Periodicals. Compiled with the co-operation of many Librarians and others for the Publishing Board of the American Library Association. Edited by W. C. Lane . . . and N. E. Browne, *&c.* *pp. lxxiv [i,] 1600 [1].*
8°. *Washington [D.C.]*, 1906.

UNITED STATES.—Department of Agriculture.
Report of the Commissioner, *&c.* 1867, 1868, 1871, 1876-78, 1886 & 1888. 8°. *Washington [D.C.]*, 1868-89.
[*Continued as :*]
Report of the Secretary of Agriculture. 1889-93 & 1902. 8°. *Washington [D.C.]*, 1889-94 & 1902.
In 1895 the scientific papers were separated from the departmental reports and published apart in the "Yearbook" [*q.v.* infra].

United States.—Department of Agriculture.
Farmers' Bulletin No. 2→
8°. *Washington [D.C.]*, 1892→
Wanting many of the numbers.
Each number forms a separately-paged tract.

United States.—DEPARTMENT OF AGRICULTURE.
Yearbook, *&c.* 1894-1900, 1902, 1903, 1906→
8⁰. *Washington* [*D.C.*], 1895→
Prior to 1895 the scientific papers gathered in these annual volumes were issued with the "Report of the Secretary" [*q.v.* supra].

United States.—DEPARTMENT OF AGRICULTURE.
Journal of Agricultural Research. Vol. I→ *illust.* (*col.*)
8⁰. *Washington, D.C.*, 1913→

United States.—DEPARTMENT OF AGRICULTURE.
Bulletin, *&c.* No. 1→ *illust.* 8⁰. [*Washington*, 1913→]
Wanting No. 1-4, 6 & 7, 9-13, 16-14, 46-61, & 63→

United States.—DEPARTMENT OF AGRICULTURE.
List of Bulletins and Circulars issued by the . . . Department . . . corrected to January 1, 1903.
8⁰. [*Washington, D.C.*, 1903.]

United States.—DEPARTMENT OF AGRICULTURE.
The Agricultural possibilities of the [Panama] Canal Zone. Pt. I. Reconnaissance Soil Survey. By H. H. Bennett . . Pt. II. The outlook for Agriculture. By W. A. Taylor. *pp. 49 : 12 pls. back to back, 1 map col.*
8⁰. *Washington* [*D.C.*], 1912.
Office of the Secretary : Report No. 95.

United States. — DEPARTMENT OF AGRICULTURE. — *Agrostology Division.*
Bulletin No. 1-14, 17, 19-22 & 24.
8⁰. *Washington* [*D.C.*], 1895-1900.
Each number contains a separately-paged memoir.

United States. — DEPARTMENT OF AGRICULTURE. — *Agrostology Division.*
Circular No. 1-10, 28-30.
8⁰. *Washington* [*D.C.*], 1895-1901.

United States. — DEPARTMENT OF AGRICULTURE. — *Animal Industry Bureau.*
Annual Report, *&c.* No. 3-7, 10, 11, 14 & 17, 18, 20, 25-28. *illust.* 8⁰. *Washington* [*D.C.*], 1887-1913.

United States. — DEPARTMENT OF AGRICULTURE. — *Animal Industry Bureau.*
Bulletin No. 6-167. 8⁰. *Washington* [*D.C.*], 1894-1913.
Wanting many of the numbers.

United States. — DEPARTMENT OF AGRICULTURE. — *Animal Industry Bureau.*
Circular No. 1-218. 8⁰. *Washington* [*D.C.*], 1895-1913.
Wanting many of the numbers.

United States. — DEPARTMENT OF AGRICULTURE. — *Biological Survey Division.*
Bulletin, *&c.* No. 1-45.
8⁰. *Washington* [*D.C.*], 1889-1913.
Wanting No. 15-31.
Each number contains a separately-paged Memoir.

United States. — DEPARTMENT OF AGRICULTURE. — *Biological Survey Division.*
North American Fauna. No. 1→
8⁰. *Washington* [*D.C.*], 1889→
Each number contains a separately-paged Memoir.
No. 6 & 9 are not yet (1914) published.

United States. — DEPARTMENT OF AGRICULTURE. — *Biological Survey Division.*
Catalogue of the Type-specimens of Mammals in the United States National Museum, including the Biological Survey Collection. By M. W. Lyon, Jr. . . . and W. H. Osgood. *pp. ix*[*i*], *325. See* UNITED STATES NATIONAL MUSEUM. Bulletin 64. 8⁰. 1909.

United States. — DEPARTMENT OF AGRICULTURE. — *Biological Survey Division.*
Index to Papers relating to the Food of Birds, by members of the Biological Survey, in publications of the United States Department of Agriculture, 1885-1911. *pp. 69. See* supra, Bulletin No. 43. 8⁰. 1913.

United States. — DEPARTMENT OF AGRICULTURE. — *Botany Division.*
Bulletin No. 6-9, 12-18, 20, 21, 24, 27 & 29.
8⁰. & 4⁰. *Washington* [*D.C.*], 1888-1901.
No. 12 & 13 in 4⁰ form Vasey's "Illustrations of North American Grasses," *q.v.* infra.

United States. — DEPARTMENT OF AGRICULTURE. — *Botany Division.*
Contributions from the United States National Herbarium. Vol. I-VII. *illust.*
8⁰. *Washington* [*D.C.*], 1890-1902.
The Herbarium was initiated by the Smithsonian Institution in 1849, and transferred in 1868 to the Department of Agriculture. In 1896 the official custody of the collection repassed to the Smithsonian Institution, whilst the publication of the "Contributions" was continued by the Department of Agriculture. In July, 1902, the UNITED STATES NATIONAL MUSEUM [*q.v.* for Vol. VIII→] assumed responsibility for publication.

United States. — DEPARTMENT OF AGRICULTURE. — *Botany Division.*
Circular No. 1-30. 8⁰. *Washington* [*D.C.*], 1894-1902.
Wanting No. 4.

United States. — DEPARTMENT OF AGRICULTURE. — *Botany Division*
The Agricultural Grasses of the United States, by G. Vasey . . . also the Chemical Composition of American Grasses, by C. Richardson. *pp. 144 : 120 pls.*
8⁰. *Washington* [*D.C.*], 1884.

United States. — DEPARTMENT OF AGRICULTURE. — *Botany Division.*
Illustrations of North American Grasses . . . By . . . G. Vasey. 2 Vol. *200 pls. with descriptive letterpress.*
4⁰. *Washington* [*D.C.*], 1890-93.
Originally issued as Bulletins 12 & 13 of this Division of the Department.
Vol. I. Grasses of the Southwest. Plates and descriptions of the Grasses of the desert region of western Texas, New Mexico, Arizona, and southern California. 2 Pt. 1890-91.
,, II. Grasses of the Pacific Slope, including Alaska and the adjacent islands. Plates and descriptions of the Grasses of California, Oregon, Washington, and the northwestern coast, including Alaska. 2 Pt. 1892-93.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Bulletin No. 1-33.† 8⁰. *Washington* [*D.C.*], 1883-94.
Wanting No. 1-3 & 33.
No. 6 & 10 are of the second edition.

—— New Series, No. 1-40.†
8⁰. *Washington* [*D.C.*], 1895-1903.

—— No. 41-127. 8⁰. *Washington* [*D.C.*], 1903-13.
Most of the numbers of these Series of Bulletins contain each a single paper.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
An Index to Bulletins No. 1-30 (New Series) (1896-1901), *&c.* *See* supra, Bulletin No. 36, New Series.
8⁰. 1902.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Circular. (Second Series.) No. 2-173.
8⁰. *Washington* [*D.C.*], 1891-1913.
Wanting many of the numbers.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
An Index to Circulars 1 to 100, *&c.* *See* supra, Circular No. 100.
8⁰. 1911.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Technical Series, No. 1-27.
8⁰. *Washington* [*D.C.*], 1895-1914.
Wanting No. 10 & 11.
Each number contains a separate Memoir.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Insect Life. Devoted to the economy and life-habits of Insects, especially in their relations to Agriculture, *&c.* 7 Vol. *illust.* 8⁰. *Washington* [*D.C.*], 1888-95.

—— General Index to the seven volumes . . . 1888-95. 8⁰. *Washington*, 1897.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
List of the Publications of the Bureau of Entomology. (—Revised to February 1, 1910.) Compiled by M. Colcord, Librarian. 4 No. *See* supra, Circular No. 76. 8⁰. 1906-10.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Report upon Cotton Insects . . . By J. H. Comstock. *pp. v, 511 : 3 pls. (col.), text illust.* 8⁰. *Washington* [*D.C.*], 1879.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Report of the Entomologist . . . for . . . 1879 (-1881). 3 No. 8⁰. *Washington* [*D.C.*], 1880 (-82).
From the "Annual Report" of the Department.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Special Report. No. 35. Report on Insects injurious to Sugar Cane . . By J. H. Comstock. *pp. 11 : text illust.* 8⁰. *Washington* [*D.C.*], 1881.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Bibliography of the more important contributions to American Economic Entomology. 7 Pt. 8⁰. *Washington* [*D.C.*], 1889-1901.
Pt. 1-3. The more important writings of B. D. Walsh & C. V. Riley. *pp. 454.* 1889-90.
,, 4, 5. The more important writings of Government and State Entomologists, *&c.* 2 Pt. 1895, 96.
,, 6. The more important writings published between June 30, 1888, and Dec. 30, 1896. *pp. 273.* 1898.
,, 7. —— between Dec. 31, 1896, and Jan. 1, 1900. 1901.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
Report of the Meeting of Inspectors of Apiaries, San Antonio, Tex., November 12, 1906. *pp. 79: 1 pl.* *See* supra, Bulletin No. 70. 8⁰. 1907.

United States. — DEPARTMENT OF AGRICULTURE. — *Entomology Division.*
An Index to the Catalogues of recently described Coccidæ included in Technical Series No. 12 & 16. By E. R. Sasscer. *See* supra, Technical Series, No. 16, pt. VII. 8⁰. 1913.

United States. — DEPARTMENT OF AGRICULTURE. — *Experiment Stations Office.*
Experiment Station Record. Vol. XIV, no. 3, 4 & 12; XV, no. 2. 8⁰. *Washington* [*D.C.*], 1902-03.

United States. — DEPARTMENT OF AGRICULTURE. — *Fibre Investigations.*
Report No. 1, 4-9. 8⁰. *Washington* [*D.C.*], 1890-97.

United States. — DEPARTMENT OF AGRICULTURE. — *Forest Service.*
Bulletin. No. 17, 31, 35, 37, 38, 46-48, 52, 53 & 75. 8⁰. *Washington* [*D.C.*], 1898-1903.

United States. — DEPARTMENT OF AGRICULTURE. — *Forest Service.*
Circular No. 30. 8⁰. *Washington* [*D.C.*], 1904.

United States. — DEPARTMENT OF AGRICULTURE. — *Forest Service.*
Preliminary study of Forest Conditions in Tennessee. By R. C. Hall. *pp. 56 : 13 pls., text illust.* *See* TENNESSEE, *State of.* — *Geological Survey.* Bulletin No. 10.A. 8⁰. 1910.

United States. — DEPARTMENT OF AGRICULTURE. — *Forest Service.*
Chestnut in Tennessee. By W. W. Ashe. *pp. 35.* *See* TENNESSEE, *State of.* — *Geological Survey.* Bulletin No. 10.B. 8⁰. 1912.

United States. — DEPARTMENT OF AGRICULTURE. — *Library.*
Catalogue of Publications relating to Botany in the Library, *&c.* *pp. 242.* 8⁰. *Washington* [*D.C.*], 1902.
Bulletin No. 42.

United States. — DEPARTMENT OF AGRICULTURE. — *Microscopy Division.*
Report of the Microscopist for 1891 (-1892). By T. Taylor. 2 Pt. *illust. (col.)* 8⁰. *Washington* [*D.C.*], 1892 (-93).
Contain descriptions of Edible and Poisonous Fungi.

United States. — DEPARTMENT OF AGRICULTURE. — *Microscopy Division.*
Food Products. I-III. 8⁰. *Washington* [*D.C.*], 1891-93.
I. Twelve Edible Mushrooms . . . with directions for their identification . . . By T. Taylor . . . Revised . . . with an Appendix. *pp. 20 : 1 pl. col.* 1893.
—— [Another edition.] *pp. 23 : 1 pl. col.* 1894.
[The plate has been redrawn.]
II. Eight Edible and twelve Poisonous Mushrooms . . . By T. Taylor, *&c.* *pp. 16 : 6 pls. (2 col.)* 1891.
—— Second revised edition. *pp. 23 : 6 pls. (2 col.)* 1893.
III. . . . II. Four Edible Mushrooms . . . By T. Taylor, *&c.* *pp. 7-22 : 5 pls. (4 col.)* 1893.

United States. — DEPARTMENT OF AGRICULTURE. — *Ornithology & Mammalogy Division.*
See supra, *Biological Survey Division* [into which it was changed in July, 1896].

United States. — DEPARTMENT OF AGRICULTURE. — *Plant Industry Bureau.*
Bulletin No. 1-285. 8⁰. *Washington* [*D.C.*], 1901-13.
Wanting several of the numbers.
Each number contains a separately-paged paper.

—— Contents of and Index to . . . Nos. 1 to 100, *&c.* *See* supra, Bulletin No. 101. 8⁰. 1907.

United States. — DEPARTMENT OF AGRICULTURE. — *Plant Industry Bureau.*
Circular No. 1-132. 8⁰. *Washington* [*D.C.*], 1908-13.
Wanting several of the numbers.
Each number contains a separately-paged paper.

United States. — DEPARTMENT OF AGRICULTURE. — *Plant Industry Bureau.*
Report of the Chief of the Bureau of Plant Industry for 1907 (1909-11). By B. T. Galloway. 4 Pt. 8⁰. *Washington* [*D.C.*], 1908-11.
From the "Annual Reports" of the Department.

United States. — DEPARTMENT OF AGRICULTURE. — *Plant Industry Bureau.*
Publications of the Bureau of Plant Industry. *pp. 12.* 8⁰. [*Washington, D.C.*,] 1910.

United States. — DEPARTMENT OF AGRICULTURE. — *Plant Industry Bureau.*
Seeds and Plants imported through the section of Seed and Plant Introduction for distribution in coöperation with the Agricultural Experiment Stations. Inventory No. 9-30 (No. 4351-33278). *See* supra, Bulletin No. 5, 66, 97, 106, 132, 137, 142, 148, 153, 162, 168, 176, 205, 207, 208, 223, 227, 233, 242, 248, 261 *&* 282. 8⁰. 1902-13.
[*Continued as :*]
Inventory of Seeds and Plants imported, *&c.* No. 31→ 8⁰. *Washington* [*D.C.*], 1914→

United States. — DEPARTMENT OF AGRICULTURE. — *Porto Rico Agricultural Experiment Station.*
Bulletin No. 2. The Changa, or Mole Cricket (*Scapteriscus didactylus*, Latr.) in Porto Rico. By O. W. Barrett. *pp. 19 : text illust.* 1902. 8⁰. *Washington* [*D.C.*], 1902.
Boletín No. 2. 8⁰. *Washington* [*D.C.*], 1902.
The Spanish edition of the preceding.

United States. — DEPARTMENT OF AGRICULTURE. — *Publications Division.*
Index to the Yearbooks of the . . . Department . . . 1894–1900, *&c.* 8⁰. *Washington* [*D.C.*], 1902.
Bulletin No. 7.

—— 1901–05, *&c.* 8⁰. *Washington* [*D.C.*], 1908.
Bulletin No. 9.

United States. — DEPARTMENT OF AGRICULTURE. — *Soils Bureau.*
Soil Survey of Marion county, Missouri. By J. C. Britton . . . and E. S. Vanatta. *pp. 26 : text illust.* 8⁰. *Washington* [*D.C.*], 1911.
Advance sheets of field operations of the Bureau for 1910.

United States. — DEPARTMENT OF AGRICULTURE. — *Vegetable Physiology and Pathology Division.*
Circular No. 6, 8, 15–17. 8⁰. *Washington* [*D.C.*], [1888–] 1889–99.

United States. — DEPARTMENT OF AGRICULTURE. — *Vegetable Physiology and Pathology Division.*
Quarterly Bulletin . . . The Journal of Mycology . . prepared under the direction of the Secretary of Agriculture, *&c.* Vol. v–vii. *See* JOURNAL OF MYCOLOGY. 8⁰. 1889–94.

United States. — DEPARTMENT OF AGRICULTURE. — *Vegetable Physiology and Pathology Division.*
Bulletin No. 1, 2, 5–13, 15–23, 25–27. 8⁰. *Washington* [*D.C.*], 1894–1900.

United States. — DEPARTMENT OF AGRICULTURE. — *Vegetable Physiology and Pathology Division.*
Report No. 59. Curing and Fermentation of Cigar Leaf Tobacco. By O. Loew. *pp. 34.* 8⁰. *Washington* [*D.C.*], 1899.

United States. — DEPARTMENT OF AGRICULTURE. — *Vegetable Physiology and Pathology Division.*
Report No. 68. Catalase, a new enzym of general occurrence, with special reference to the Tobacco Plant. By O. Loew. *pp. 47.* 8⁰. *Washington* [*D.C.*], 1901.

UNITED STATES.—DEPARTMENT OF THE INTERIOR.
Report on the Forests of North America (exclusive of Mexico), by C. S. Sargent. *pp. 612 : 55 maps (col.)* 4⁰. & fol. *Washington* [*D.C.*], 1884.
House of Representatives : 47th Congr., 2nd Sess., Mis. Doc. 42, pt. 9.

UNITED STATES.—DEPARTMENT OF STATE.
The Licorice Plant. Reports from the Consuls of the United States, *&c. pp. 20.* 8⁰. *Washington* [*D.C.*], 1885.

United States.—DEPARTMENT OF STATE.
Forestry in Europe. Reports from the Consuls of the United States. *pp. viii, 320.* 8⁰. *Washington* [*D.C.*], 1887.

United States.—DEPARTMENT OF STATE.
Coal and Coal Consumption in Spanish America. Reports from the Consuls of the United States, *&c. pp. 86, ii.* 8⁰. *Washington* [*D.C.*], 1891.

UNITED STATES.—ENTOMOLOGICAL COMMISSION.
Bulletin, *&c.* No. 1–7.† 8⁰. *Washington* [*D.C.*], 1877–81.
Each number contains a separately-paged Memoir.

United States.—ENTOMOLOGICAL COMMISSION.
(Annual) Reports, *&c.* No. 1–5. 8⁰. *Washington* [*D.C.*], 1878–90.

UNITED STATES.—FISH COMMISSION.
See infra, FISHERY REPORTS.—*Bureau of Fisheries.*

UNITED STATES.—FISHERY REPORTS.
[*General.*] Report on the principal Fisheries of the American Seas : prepared by . . . L. Sabine, *&c. pp. 317.* 8⁰. *Washington* [*D.C.*], 1853.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] The history and present condition of the Fishery Industries. Prepared under the direction of . . . S. F. Baird . . . by G. B. Goode . . . The Seal-Islands of Alaska, by H. W. Elliott. *pp. 176 : 29 pls., 2 maps, text illust.* 8⁰. *Washington* [*D.C.*], 1881.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Investigation of the Fur-Seal and other Fisheries of Alaska. Report from the Committee on Merchant Marine and Fisheries of the House of Representatives. *pp. l, 415 : 17 pls., 4 maps.* 8⁰. *Washington* [*D.C.*], 1889.
House of Representatives : 50th Congr., 2nd Sess., Rept. No. 3883.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Telegraphic correspondence respecting Seal Fishing in Behring's Sea during the season of 1892. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1892.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Copy of a despatch . . . inclosing a Treaty between Her Majesty and the United States of America for arbitration concerning the Seal Fisheries in Behring's Sea. *See* GREAT BRITAIN AND IRELAND. —*Foreign Office.* 4⁰. 1892.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Further correspondence respecting the Behring Sea Seal Fisheries. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1892.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Behring Sea Arbitration. 7 Vol. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. [1892–93.]

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Behring Sea Arbitration. 8 No. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 8⁰. & 4⁰. 1893.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Correspondence with the United States' Government respecting the Seal Fisheries in Behring Sea. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1897.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Report by . . . D'A. Thompson on his Mission to Behring Sea in 1896. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1897.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Despatch from . . . D'A. Thompson, forwarding a Report on his Mission to Behring Sea in 1897. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1898.

United States.—FISHERY REPORTS.
[*Fur Seal Fishery.*] Joint Statement of Conclusions signed by the British, Canadian, and United States' Delegates respecting the Fur Seal Herd frequenting the Pribyloff Islands in Behring Sea. *See* GREAT BRITAIN AND IRELAND.—*Foreign Office.* 4⁰. 1898.

United States.—FISHERY REPORTS.

[*Fur Seal Fishery.*] The Fur Seals and Fur-Seal Islands of the North Pacific Ocean. By D. S. Jordan . . . With special papers by other contributors. 4 Vol. *illust.* 8⁰. *Washington* [*D.C.*], 1898–99.

Pt. I. The history, condition, and needs of the herd of Fur Seals resorting to the Pribilof Islands. By D. S. Jordan and G. A. Clark.
,, II. Observations on the Fur Seals of the Pribilof Islands, 1872–1897, *&c.*
,, III. Special papers relating to the Fur Seal and to the Natural History of the Pribilof Islands [containing, *inter alia* :—]
7. Internal Parasites of the . . . Seal. By C. W. Stiles and A. Hassall.
16. Mammals of the . . . Islands. By F. W. True.
17. The Avifauna of the . . . Islands. By W. Palmer.
18. The Fishes of Bering Sea. By D. S. Jordan and C. H. Gilbert. (List of Fishes obtained in the waters of Arctic Alaska. By N. B. Scofield.)
19. A contribution to the Knowledge of the Tunicata of the . . . Islands. By W. E. Ritter.
20. The Mollusk Fauna of the . . . Islands. By W. H. Dall.
21. List of Insects . . . from the . . . Islands. By E. A. Schwarz. (Acarina. By H. Osborn.)
22. List of Crustacea . . . By M. J. Rathbun.
23. A List of the Plants . . . By J. M. Macoun (Lichens by W. W. Calkins).
24. Algæ of the . . . Islands. By W. A. Setchell.
,, IV. The Asiatic Fur-Seal Islands and Fur-Seal Industry. By L. Stejneger.

Appendices.
I. Reports upon the Insects, Spiders, Mites and Myriapods collected by . . . L. Stejneger and . . . G. E. H. Barrett-Hamilton on the Commander Islands. Edited by W. H. Ashmead.
Coleoptera. By M. L. Linell and E. A. Schwarz.
Lepidoptera. By H. G. Dyar.
Hymenoptera. } By W. H. Ashmead.
Rhynchota. }
Diptera. } By D. W. Coquillett.
Siphonaptera. }
Plecoptera. }
Trichoptera. } By N. Banks.
Arachnida. }
Myriapoda. By O. F. Cook.
II. List of Plants collected by Dr. and Mrs. L. Stejneger on the Commander Islands during 1895 and 1897. By F. V. Coville and J. N. Rose.

United States.—FISHERY REPORTS.

[*Oyster Fishery.*] The history and present condition of the Fishery Industries . . . Section X, Monograph B. A Report on the Oyster-Industry of the United States. By E. Ingersoll. *pp. ii, 251 : 13 pls.* 8⁰. *Washington* [*D.C.*], 1881.

UNITED STATES. — FISHERY REPORTS. — BUREAU OF FISHERIES.

[1871 Founded as *Commission of Fish and Fisheries.*
1903 *Bureau of Fisheries* attached to the Department of Commerce and Labor.]

Report, *&c.* Pt. I–XXIX. 1871–1903. 8⁰. *Washington* [*D.C.*], 1873–1903.

[*Continued as :*]

—— 1904→ 8⁰. *Washington* [*D.C.*], 1905→

United States. — FISHERY REPORTS. — BUREAU OF FISHERIES.

Bulletin, *&c.* Vol. I→ 1881→ 8⁰. *Washington* [*D.C.*], 1882→

United States. — FISHERY REPORTS. — BUREAU OF FISHERIES.

Preliminary Catalogue and Synopsis of the Collections exhibited by the . . . Commission, *&c.* *See* LONDON.—*Great International Fisheries Exhibition, 1883.* United States of America. Catalogue A. 8⁰. 1883.

United States. — FISHERY REPORTS. — BUREAU OF FISHERIES.

A Review of the Fishery Industries of the United States and the work of the U.S. Fish Commission, *&c.* *See* LONDON.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1883.

United States. — FISHERY REPORTS. — BUREAU OF FISHERIES.

The Fisheries and Fishery Industries of the United States. Prepared through the co-operation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. By G. B. Goode, *&c.* 8⁰. *Washington* [*D.C.*], 1884–87.

Sect. I. Natural History of useful Aquatic Animals. *pp. xxxiv, xx, 895 : 292 pls.* 1884.
Pt. 1. Mammals.
A. The Whales and Porpoises. By G. B. Goode.
B. The Seals and Walruses. By J. A. Allen.
C. The Habits of the Fur-Seal. By H. W. Elliott.
D. The Manatees and the Arctic Sea Cow. By F. W. True.
,, 2. Reptiles and Batrachians. By F. W. True.
,, 3. Fishes. By G. B. Goode.
,, 4. Mollusks in general. By E. Ingersoll.
The life history of the Oyster. By J. A. Ryder.
,, 5. Crustaceans, Worms, Radiates, and Sponges. By R. Rathbun.
,, II. A geographical review of the Fisheries Industries and Fishing Communities for the year 1880. *pp. ix, 787.* 1887.
,, III. The Fishing Grounds of North America . . . Edited by R. Rathbun. *pp. xviii, 238 : 4 pls., 49 maps.* 1887.
,, IV. The Fishermen of the United States. By G. B. Goode and J. W. Collins. *pp. 178 : 19 pls.* 1887.
,, V. History and Methods of the Fisheries. 2 Vol. & Atlas, *255 pls.* 1887.

United States. — FISHERY REPORTS. — BUREAU OF FISHERIES.

Reports on the Scientific Results of the Expedition to the Tropical Pacific . . . by the U.S. Fish Commission Steamer "Albatross," from August, 1899, to March, 1900, *&c.* No. I→ *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XXVI→ 4⁰. 1902→

UNITED STATES.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

A Catalogue of Official Reports upon Geological Surveys of the United States and British Provinces. *See* AMERICAN JOURNAL OF SCIENCE, *&c.* Ser. II, vol. XLIII, pp. 116–121 & 399–404. 8⁰. 1867.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Geological report of an examination made in 1834, of the elevated country between the Missouri and Red Rivers. By G. W. Featherstonhaugh, *&c.* *pp. 97 : 1 pl. col.* 8⁰. *Washington* [*D.C.*], 1835.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Report of a Geological Reconnoissance made in 1835 . . . by the way of Green Bay and the Wisconsin Territory to the Coteau de Prairie . . . By G. W. Featherstonhaugh, *&c.* *pp. 168 : 4 pls.* 8⁰. *Washington* [*D.C.*], 1836.
Senate : Doc. 353.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Report of a Geological Exploration of part of Iowa, Wisconsin, and Illinois, made . . . in . . . 1839 . . . By D. D. Owen, *&c.* *pp. 161 : 23 pls. (5 col.), 4 maps (3 col.)* 8⁰. [*Washington, D.C.*, 1840.]
House of Representatives : 26th Congr., 1st Sess., Doc. No. 239.

—— [Another edition.] *pp. 191 : 19 pls. (col.), 4 maps (col.)* 8⁰. [*Washington, D.C.*,] 1844.
Senate : 28th Congr., 1st Sess. [Doc. No.] 407.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS : *Miscellaneous.*]

Report of the exploring expedition to the Rocky Mountains in . . . 1842, and to Oregon and North California, in . . . 1843–'44. By . . . J. C. Frémont. *pp. 583 : 24 pls., 3 maps.* 8⁰. *Washington* [*D.C.*], 1845.
Appendix :—
A. Nature of the Geological Formations, by J. Hall.
B. Descriptions of Organic Remains, by J. Hall.
C. Descriptions of some new genera and species of Plants, by J. Torrey and J. C. Frémont.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Letter . . . communicating a Report of a Geological Reconnoissance of the Chippewa land district of Wisconsin, and the northern part of Iowa, by D. D. Owen. *pp. 134 : 38 pls. (14 col.), 1 map col.*
8⁰. *Washington* [*D.C.*], 1848.

Senate : 30th Congr., 1st Sess., Exec. No. 57.
This includes a Report by J. G. Norwood on the topography, *&c.*, of the Lake Superior regions of the State of Wisconsin.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Notes of a . . . reconnoissance, from Fort Leavenworth, in Missouri, to San Diego, in California, including parts of the Arkansas, Del Norte, and Gila Rivers. By W. H. Emory. *pp. 416 : 42 pls., 1 map, text illust.*
8⁰. *Washington* [*D.C.*], 1848.

Senate : 30th Congr., 1st Sess., Exec. No. 7.
Appendix contains :—
No. 2. Botany by Prof. Torrey : with a letter on the Cactaceæ by G. Engelmann.
,, 6. Natural History Notes of J. W. Abert—the Plants named by Prof. Torrey.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
[Report . . . communicating information in relation to the Geology and Topography of California. By P. T. Tyson. 8⁰. *Washington, D.C.*, 1850.]

Wanting.
Senate : Ex. Doc. No. 47.

—— [Another edition entitled :] Geology and Industrial Resources of California. By P. T. Tyson. To which is added the official reports of P. F. Smith (J. F. Frazer's report on Minerals, forwarded by P. F. Smith) . . . B. Riley . . . Talbot, Ord, Derby and Williamson, of their explorations in California and Oregon : and also of their examinations of routes for rail road communication eastward from those countries. *pp. xxxiv, 127, 37 : 9 pls., 3 maps.* 8⁰. *Baltimore*, 1851.

This consists of the author's copies of the original "Report," to which an "Introduction" containing additional matter has been prefixed.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report on the Geology and Topography . . . of the Lake Superior land district, in the State of Michigan : by J. W. Foster and J. D. Whitney, *&c.* 2 Pt. *illust.*
8⁰. *Washington* [*D.C.*], 1850, 51.

House of Representatives : 31st Congr., 1st Sess., Ex. Doc. No. 69.
Pt. I. Copper lands. *pp. 224 : 15 pls., 4 maps (3 geol. col.), text illust.* 1850.
Three of the plates are numbered in with the text.
One of the maps is a facsimile of a map of Lake Superior and the adjacent regions, made by the Jesuit missionaries in 1670 and 1671, and published in Paris in 1672.
,, II. The Iron Ore region, together with the general Geology. *pp. xii, 406 : 33 pls., text illust.* 1851.
Pls. xxiii–xxv & xxxii are missing.
Contains, *inter alia* :—
Chap. IX. Lower Silurian System.—Continued by J. Hall.
,, X. Upper Silurian and Devonian series. By J. Hall.
,, XI. "On the Geology of the south-eastern portion of the State of Wisconsin ; being the part not surveyed by the United States Geologists, in a letter to J. W. Foster, by I. A. Lapham," *&c.*
,, ,, Remarks upon the section from the Falls of Wolf River, through Navarino to Lake Michigan. By C. Whittlesey.
,, ,, The dip, bearing, and thickness of the Silurian Groups. By [C.] Whittlesey.
,, XII. Remarks on . . . Lower Silurian Limestones. By [J.] Hall.
,, XIII. Description of new or rare species of Fossils, from the Palæozoic series. By J. Hall.
,, XIV–XVI. On the superficial deposits of . . . the northern coast of Lake Michigan and western coast of Green Bay.—Of the Menomonee.—Of the valley of the Manistee.—Of the White-Fish.—Of the Escanāba, *&c.* By E. Desor. (The ancient and present Beaches of Lake Michigan. By [C.] Whittlesey.)
,, XVIII. Parallelism of the Palæozoic deposits of the United States and Europe. By J Hall.
,, XIX. On the observed fluctuations of the surfaces of the Lakes. By C. Whittlesey.
,, XX. Magnetic variations . . . By C. Whittlesey.
,, ,, Botany. By W. D. Whitney.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Exploration of the Red River of Louisiana, in . . . 1852 : by R. B. Marcy . . . assisted by G. B. McClellan . . . with reports on the Natural History of the country, *&c.* *pp. xv, 320 : 65 pls., 2 maps.* 8⁰. *Washington* [*D.C.*], 1853.

Senate : 32nd Congr., 2nd Sess., Exec. No. 54.
Appendix contains, *inter alia* :—
C. Mineralogy. By C. U. Shepard.
D. Geology.
Notes upon the specimens of Rocks and Minerals collected. By E. Hitchcock.
Remarks upon the general Geology of the country traversed. By G. G. Shumard.
E. Palæontology. Description of the species of Carboniferous and Cretaceous Fossils collected. By B. F. Shumard.
F. Zoology.
Mammals. By R. B. Marcy.
Reptiles. By S. F. Baird and C. Girard.
Fishes. By S. F. Baird and C. Girard.
Shells. By C. B. Adams and G. C. Shumard.
Orthopterous Insects. By C. Girard.
Arachnidians. By C. Girard.
Myriapods. By C. Girard.
G. Botany. Description of the Plants collected during the expedition. By J. Torrey.

—— [Re-issue.] *pp. xv, 286 : 65 pls., 2 maps.*
8⁰. *Washington* [*D.C.*], 1854.

Differs from the preceding issue solely in having a new title-page, and in the more condensed setting of some of the tables in the Appendix. In both issues there is no plate numbered xviii to the Botanical section, and the two maps are wanting.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report of an expedition down the Zuni and Colorado Rivers, by Capt. L. Sitgreaves. *pp. 198 : 79 pls., 1 map.*
8⁰. *Washington* [*D.C.*], 1853.

Senate : 32nd Congr., 2nd Sess., Exec. No. 59.
Contains, *inter alia* :—
Report on the Natural History, by S. W. Woodhouse.
Mammals, by S. W. Woodhouse.
Birds, by S. W. Woodhouse.
Reptiles, by E. Hallowell.
Fishes, by S. F. Baird and C. Girard.
Botany, by J. Torrey.
Wanting Pl. 2 of the section on the Birds.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report upon the Colorado River of the West, explored in 1857 and 1858 by . . . J. C. Ives, *&c.* 6 Pt. [in 1 Vol.]
4⁰. *Washington* [*D.C.*], 1861.

Senate : 36th Congr., 1 Sess., Ex. Doc.
Pt. I. General Report. *pp. 131 : 28 pls. (col.), 2 maps, text illust.*
,, II. Hydrographic Report. *pp. 14.*
,, III. Geological Report. By J. S. Newberry. *pp. 154 : 6 pls., 2 maps, text illust.*
,, IV. Botany. By Profs. Gray, Torrey, Thurber, and Engelmann. *pp. 30.*
,, V. Zoology. By S. F. Baird. *pp. 6.*
Appendices. *pp. 32.*

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Geological report of the exploration of the Yellowstone and Missouri Rivers by . . . F. V. Hayden . . . 1859–'60. (Report on the Cretaceous and Tertiary Plants, by J. S. Newberry.) *pp. ix, 174 : 1 map col.*
8⁰. *Washington* [*D.C.*], 1869.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Resources of the Pacific Slope. A . . . summary of the Mines and Minerals . . . and miscellaneous Productions of the States and Territories west of the Rocky Mountains. With a sketch of the . . . exploration of Lower California. By J. R. Browne. *pp. 674, 200.*
8⁰. *San Francisco*, 1869.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report upon the reconnaissance of northwestern Wyoming, including Yellowstone National Park, made . . . 1873 by W. A. Jones. *pp. vi, 331, 1 tab. : 5 pls., 51 maps (1 col.)* 8⁰. *Washington* [*D.C.*], 1875.

Contains, *inter alia* :—
Geological report. By T. B. Comstock.
Botanical report. By C. C. Parry. List of Plants collected.
Entomological report. By J. D. Putnam. List of Insects collected,

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report of a reconnaissance from Carroll, Montana Territory, on the Upper Missouri, to the Yellowstone National Park, and return, made in . . . 1875, by W. Ludlow, *&c.* *pp. iv, 141 : 2 pls., 3 maps, text illust.*
8⁰. *Washington* [*D.C.*], 1876.

Contains, *inter alia* :—
Zoological Report (List of Mammals and Birds), by G. B. Grinnell.
Geological Report, by E. S. Dana and G. B. Grinnell.
Descriptions of new species of Fossils, by R. P. Whitfield.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report of the exploring expedition from Santa Fé, New Mexico, to the junction of the Grand and Green Rivers of the Great Colorado of the West, in 1859, under the command of Capt. J. N. Macomb . . . with Geological Report by . . . J. S. Newberry. *pp. vii, 152 : 22 pls. (col.), 1 map, text illust.* 4⁰. *Washington* [*D.C.*], 1876.

Contains, *inter alia* :—
Descriptions of the Cretaceous fossils. By F. B. Meek.
Descriptions of the Carboniferous and Triassic fossils. By J. S. Newberry.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Report of an exploration of parts of Wyoming, Idaho, and Montana, in . . . 1882, made by . . . P. H. Sheridan . . . with the itinerary of . . . J. F. Gregory, and a Geological and Botanical Report by . . . W. H. Forwood. *pp. 69 : 3 pls., 1 map.* 8⁰. *Washington* [*D.C.*], 1882.

United States.[—GEOGRAPHICAL & GEOLOGICAL SURVEYS: *Miscellaneous.*]
Letter . . . transmitting . . . Report upon the coal on the (Deer-Creek Coal-field) White Mountain Reservation in Arizona. [By M. Bannon and C. D. Walcott.] *pp. 7 : 1 pl.* 8⁰. *Washington* [*D.C.*, 1885].

"Ex. Doc. No. 20," Senate, 48th Congr., 2nd Session.

UNITED STATES.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report . . . by J. W. Powell. *pp. 19 : 1 map.*
8⁰. *Washington* [*D.C.*], 1877.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology of the Henry Mountains. By G. K. Gilbert. (Report on the Lithologic characters of the Henry Mountain intrusives. By Capt. C. E. Dutton.) *pp. viii, 160 : 22 pls., 5 maps (1 col.), text illust.* 4⁰. *Washington* [*D.C.*], 1877.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Contributions to North American Ethnology. Vol. I. *pp. xiv, 361 : 10 pls., 2 maps col., text illust.*
8⁰. *Washington* [*D.C.*], 1877.

Pt. 1. Tribes of the extreme Northwest. By W. H. Dall.
„ 2. Tribes of western Washington and northwestern Oregon. By G. Gibbs.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
[Report on the Lands of the Arid Region of the United States, with a more detailed account of the Lands of Utah . . . By J. W. Powell. 4⁰. *Washington* (*D.C.*), 1878.]

Wanting.

—— Second edition. *pp. xv, 195 : 4 maps (col.)*
4⁰. *Washington* [*D.C.*], 1879.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology and Resources of the Black Hills of Dakota . . . By H. Newton . . . and W. P. Jenney. *pp. xv, 566 : 24 pls. (3 col.), 2 maps (1 col.), text illust.*
4⁰. & fol. *Washington* [*D.C.*] *& New York*, 1879, 80.

Geology. By H. Newton.
Mineral Resources. By W. P. Jenney.
Palæontology. By R. P. Whitfield.
Microscopic Petrography. By J. H. Caswell.
Botany. By A. Gray.
Astronomy, *&c.* By H. P. Tuttle.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Report on the Geology of the high plateaus of Utah . . . By C. E. Dutton. *pp. xxxii, 307 : 18 pls., 5 maps (2 col.)*
4⁰. & fol. *Washington* [*D.C.*] *& New York*, 1879, 80.

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Chart of Geological Time. Prepared by E. E. Howell.
s.sh. [*Washington, D.C.* ? 187–.]

United States.—GEOGRAPHICAL & GEOLOGICAL SURVEY OF THE ROCKY MOUNTAIN REGION.
Catalogue and Index of the Publications of the Survey, *&c.* *See* infra, GEOLOGICAL SURVEY. Bulletin No. 222.
8⁰. 1904.

UNITED STATES.—GEOGRAPHICAL & GEOLOGICAL SURVEYS WEST OF THE MISSISSIPPI.
[Report from the Committee on Public Lands.] *pp. 92.*
8⁰. [*Washington, D.C.*, 1875.]

UNITED STATES.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Progress-Report . . . 1872, by . . . G. M. Wheeler. *pp. 56 : 5 pls., 1 map col.* 4⁰. *Washington* [*D.C.*], 1874.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Annual Report, *&c.* 1875–84. 10 No.
8⁰. *Washington* [*D.C.*], 1875–84.

Issued as appendices to the Ann. Repts. of the Chief of Engineers.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Catalogue of Plants collected in . . . 1871–73, with descriptions of new species. *pp. 62.*
8⁰. *Washington* [*D.C.*], 1874.

List of Plants collected in Nevada, Arizona, and Utah . . . in 1871 and 1872. (Botanical Report.) By S. Watson.
Preliminary Report on the Botany of Central Colorado. (By J. T. Rothrock.)
Leguminosæ. [Determined by A. Gray and S. Watson.]
Compositæ. [Identified by A. Gray.]
Coniferæ (named by J. Hoopes).
Carices. By S. T. Olney.
Gramineæ. Determined by G. Vasey.
Equisetaceæ—Filices—Lycopodiaceæ. [Identified by D. C. Eaton.]
Musci. By T. P. James.
Hepaticæ. By C. F. Austin.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.
Preliminary Report upon Invertebrate Fossils collected by the expeditions of 1871–73, with descriptions of new species. [By] C. A. White. *pp. 27.*
8⁰. *Washington* [*D.C.*], 1874.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report upon Ornithological Specimens collected in . . . 1871–73. *pp. 148.* 8⁰. *Washington* [*D.C.*], 1874.

Report upon and List of Birds collected [in Utah and Nevada] . . . in 1872 . . . By H. C. Yarrow and H. W. Henshaw.
An annotated List of the Birds of Utah. By H. W. Henshaw.
Report upon and List of Birds collected . . . in 1873 . . . By H. W. Henshaw.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report, *&c.* Vol. I–VI & Geological Atlas. 4⁰. & fol. *Washington* [*D.C.*], 1874–89.

Wanting Vol. VII, Archæology.

Vol. I. Geographical Report. *pp. 730 : 38 pls., 3 maps col.* 1889.
,, II. Astronomy and Barometric Hypsometry. *pp. xiii, 571 : 22 pls., text illust.* 1877.
,, III. Geology. *pp. 681 : 14 pls., 2 maps, text illust.* Atlas, *12 maps col.* 1874, 75.
Pt. 1–5. Reports upon the Geology. By G. K. Gilbert, A. R. Marvine, E. E. Howell, J. J. Stevenson.
,, 6. Report upon Mineralogical, Agricultural, and Chemical Conditions observed. By O. Loew.
,, ,, Geology. By J. J. Stevenson. (Appendix.—Report on the Carboniferous Invertebrate Fossils. By C. A. White.) *pp. 420, xxviii : 4 pls., text illust.* 1881.
,, IV. Pt. 1. Palæontology. Report upon the invertebrate fossils. By C. A. White. *pp. 12, 219 : 21 pls., text illust.* 1875.
,, 2. —— Report upon the Extinct Vertebrata. By E. D. Cope. *pp. xii, 370 : 62 pls., text illust.* 1877.
[These two parts were also issued in one volume dated 1877.]
,, V. Zoology. *pp. 1021 : 45 pls. (28 col.), text illust.* 1875.
Chap. 1. Notes upon geographical Distribution and Variation. By H. C. Yarrow.
,, 2. Report upon the collections of Mammals. By E. Coues and H. C. Yarrow.
,, 3. Report upon the Ornithological collections. By H. W. Henshaw.
,, 4. Report upon the collections of Batrachians and Reptiles. By H. C. Yarrow.
,, 5. Synopsis of the Reptiles and Batrachians. By E. Coues.
,, 6. Report upon the collections of Fishes. By E. D. Cope and H. C. Yarrow.
,, 7. Report upon the collections of Hymenoptera, by E. T. Cresson; with list of Formicidæ, by E. Norton.
,, 8. Report upon the collections of Diurnal Lepidoptera, with notes, by T. L. Mead; and a list, by W. H. Edwards.
,, 9. Report upon new species of Zygænidæ and Bombycidæ. By R. H. Stretch.
,, 10. Report upon the collection of Diptera. By C. R. Osten-Sacken.
,, 11. Report upon the collections of Coleoptera. By H. Ulke.
,, 12. Report upon the collections of Hemiptera. By P. R. Uhler.
,, 13. Report upon the collections of Orthoptera [and Arachnida]. By C. Thomas.
,, 14. Report upon the collections of Neuroptera and Pseudo-Neuroptera. By H. A. Hagen.
,, 15. Report upon the collections of Terrestrial and Fluviatile Mollusca. By H. C. Yarrow.
,, 16. Report upon the collections of Freshwater Leeches. By A. E. Verrill.
,, VI. Botany. *pp. xx, 404 : 31 pls. (1 col.)* 1878.
Chap. 1. Notes on Colorado. By J. T. Rothrock.
,, 2. Notes on New Mexico. By J. T. Rothrock.
,, 3. Notes on Economic Botany. By J. T. Rothrock.
,, 4. Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona, with descriptions of those not contained in Gray's Manual of the Northern U.S., and Vol. v, Geological exploration of the fortieth parallel. By J. T. Rothrock . . . and . . . S. Watson, G. Engelmann, T. C. Porter, M. S. Bebb, W. Boott, G. Vasey, D. C. Eaton, T. P. James, E. Tuckerman [and C. F. Austin].
Appendix. California collection.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Systematic Catalogue of Vertebrata of the Eocene of New Mexico. Collected in 1874. [By] E. D. Cope. *pp. 37.* 8⁰. *Washington* [*D.C.*], 1875.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Catalogue and Index of the Publications of the . . . Surveys, *&c.* *See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8⁰. 1904.

UNITED STATES.—GEOLOGICAL SURVEY OF WISCONSIN, IOWA & MINNESOTA.

Report of a Geological Survey of Wisconsin, Iowa, and Minnesota; and incidentally of a portion of Nebraska Territory . . . By D. D. Owen. *pp. 638 : 46 pls. (col.), 4 maps (col.), text illust.* 4⁰. *Philadelphia*, 1852.

Contains, *inter alia*, geological reports by J. G. Norwood, C. Whittlesey and B. F. Shumard.
Description of the remains of extinct Mammalia and Chelonia, from Nebraska Territory . . . By J. Leidy.
Appendix.
Article 1. Description of new and imperfectly known genera and species of Organic remains . . . By D. D. Owen.
,, 2. Descriptions of . . . new genus and . . . new species of Crinoidea . . . By D. D. Owen and B. F. Shumard.
,, 3. Summary of the distribution of orders, genera, and species, in the Northwest.
,, 4. Additional Chemical Examinations. By D. D. Owen.
,, 5. Systematic Catalogue of Plants of Wisconsin and Minnesota. By C. C. Parry.
,, 6. Systematic Catalogue of Birds . . . By H. Pratten.

UNITED STATES.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Preliminary field report of the . . . Survey of Colorado and New Mexico . . . by F. V. Hayden. [Forming the third Annual Report of the Survey.] *pp. 155.* 8⁰. *Washington* [*D.C.*], 1869.

The two preceding Reports for 1867 and 1868 were published as part of the "Report of the Commissioner of the General Land Office" for those years.
The three were then issued as:—

First, Second, and Third Annual Reports of the . . . Survey . . . for the years 1867–69, *&c.* *pp. 261* [*1*]. 8⁰. *Washington* [*D.C.*], 1873.

Preliminary Report of the . . . Survey of Wyoming . . . (being a Second [*i.e.* Fourth] Annual Report of progress), *&c.* *pp. 511 : text illust.* 8⁰. *Washington* [*D.C.*], 1871.

—— Survey of Montana . . . being a Fifth Annual Report of progress, *&c.* *pp. 538 : 2 pls., 5 maps, text illust.* 8⁰. *Washington* [*D.C.*], 1872.

Wanting the Supplement "Report on Fossil Flora. By L. Lesquereux."

[*Continued as*:]

Annual Report, *&c.* No. 6–12†. 1872–78. 8⁰. *Washington* [*D.C.*], 1873–83.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Miscellaneous Publications. No. 1–12.† 8⁰. *Washington* [*D.C.*], 1873–80.

Wanting No. 2 & 9.
Each number contains a separately-paged paper.
No. 3. Birds of the Northwest: a handbook of the Ornithology of the region drained by the Missouri River and its tributaries. By E. Coues. *pp. xi, 791.* 1874.
,, 4. Synopsis of the Flora of Colorado, by T. C. Porter and J. M. Coulter. *pp. 180.* 1874.
,, 7. Ethnography and Philology of the Hidatsa Indians. By W. Matthews. *pp. vi, 239.* 1877.
,, 8. Fur-bearing Animals: a monograph of North American Mustelidæ . . . By E. Coues. *pp. xiv, 348 : 20 pls.* 1877.
,, 10. Bibliography of North American Invertebrate Paleontology . . . including the West Indies and Greenland. By C. A. White . . . and H. A. Nicholson. *pp. 132.* 1878.
[For Supplement, *See* Bulletin, Vol. v, no. 1.]
,, 11. Birds of the Colorado Valley . . . By E. Coues. Part First, Passeres to Laniidæ. Bibliographical Appendix. (List of Faunal Publications relating to North American Ornithology). *pp. xvi, 807 : text illust.* 1878.
[For the second and third instalments of the "Bibliography," *See* Bulletin, Vol. v, No. 2 & 4.]
,, 12. History of North American Pinnipeds. A monograph of the Walruses, Sea-Lions, Sea-Bears and Seals of North America. By J. A. Allen. *pp. xvi, 785 : text illust.* 1880.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Report, *&c.* Vol. I–III, V–XIII.†
4⁰. *Washington* [*D.C.*], 1873-90.

Vol. I. Pt. 1. Contributions to the extinct Vertebrate Fauna of the Western Territories. By J. Leidy. *pp. 358 : 37 pls.* 1873.
,, II. The Vertebrata of the Cretaceous formations of the West. By E. D. Cope. *pp. iv, 302 : 57 pls., text illust.* 1875.
,, III. The Vertebrata of the Tertiary formations of the West. By E. D. Cope. 2 Vol. *pp. xxxiv, 1009, 1 tab. : text illust.* Atlas, *134 pls.* 1883, 84.
[Wanting pl. lxxv.]
,, IV. [Not published.]
,, V. Zoology and Botany.
Pt. 1. Synopsis of the Acrididæ of North America. By C. Thomas. *pp. x, 262 : 2 pls.* 1873.
,, VI. } Contributions to the fossil Flora of the Western Territories. By L. Lesquereux.
,, VII. }
,, VIII. }
Pt. 1. The Cretaceous Flora. *pp. (viii), 136 : 30 pls.* 1874.
,, 2. The Tertiary Flora. *pp. xv, 366 : 65 pls.* 1878.
,, 3. The Cretaceous and Tertiary Floras. *pp. xii, 283 : 60 pls.* 1883.
,, IX. A report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri country. By F. B. Meek. *pp. lxiv, 629 : 45 pls., text illust.* 1876.
,, X. A monograph of the Geometrid Moths, or Phalænidæ of the United States. By A. S. Packard, Jr. *pp. iv, 607 : 13 pls.* 1876.
,, XI. Monographs of North American Rodentia. By E. Coues . . . and J. A. Allen. *pp. xii, x, 1091 : 6 pls., text illust.* 1877.
,, XII. Fresh-water Rhizopods of North America. By J. Leidy. *pp. xi, 324 : 48 pls.* 1879.
[,, XIII. The Tertiary Insects of North America. By S. H. Scudder. 1890.]
Wanting.
Also issued as Vol. II of the author's "Fossil Insects of North America" [*q.v.*].

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Bulletin, *&c.* Vol. I–VI.† 8⁰. *Washington* [*D.C.*], 1874–82.
Vol. III wants pp. 631–654. Vol. I consists of eight numbers divided into two Series: the first is formed of two separately-paged numbers, whilst in the second the pagination is continuous.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Final Report of the . . . Survey of Nebraska and portions of the adjacent territories, *&c. pp. 264 : 11 pls., 1 map col., text illust.* 8⁰. *Washington* [*D.C.*], 1872.
Pt. 1. The Report.
,, 2. Paleontology.—Report on the Paleontology of eastern Nebraska. By F. B. Meek.—Descriptions of Fossil Fishes from the Upper Coal Measures. By O. St. John.
,, 3. Entomology.—Notes on the Orthoptera. By S. H. Scudder.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Synopsis of new Vertebrata from the Tertiary of Colorado, obtained during . . 1873. By Prof. E. D. Cope. (Extracted from the Seventh Annual Report of the . . . Survey), *&c. pp. 19.* 8⁰. *Washington* [*D.C.*], 1873.
"Only quasi-extracted from the Report of which it ostensibly forms part. It was published in advance of the Seventh Annual Report as a separate pamphlet; and finally appeared in that Report so much modified as to be in effect a different article." (Cat. of Publications, 3rd ed.)

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Report on the Geology of the eastern portion of the Uinta Mountains and a region of country adjacent thereto . . . By J. W. Powell. *pp. vii, 218 : 4 pls., text illust.* Atlas, *6 pls., 2 maps.*
4⁰. & fol. *Washington* [*D.C.*], 1876.
Chapter III. Invertebrate Palæontology of the Plateau Province. By C. A. White.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Preliminary Report of the Field Work, *&c.* 1877 & 1878. 2 No. 8⁰. *Washington* [*D.C.*], 1877, 78.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Sketch of the origin and progress of the . . . Survey, *&c. pp. 15.* 8⁰. *Washington* [*D.C.*], 1877.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Extracts from letters and notices of eminent scientific men and journals in Europe and America, commendatory of the . . . Survey, *&c. pp. 42.*
8⁰. *Washington* [*D.C.*], 1879.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.
Catalogue of the Publications, *&c.*
8⁰. *Washington* [*D.C.*], 1874.
—— Second edition. 8⁰. *Washington* [*D.C.*], 1877.
—— Third edition. 8⁰. *Washington* [*D.C.*], 1879.
Catalogue and Index of the Publications, *&c. See* infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8⁰. 1904.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Map of the sources of Snake River with its tributaries, together with portions of the headwaters of the Madison and Yellowstone . . . by G. R. Bechler . . . Scale 5 m. = 1 in. s.sh. *col.* [*Washington, D.C.*, 1872.]

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Map of the Upper (—Lower) Geyser Basin on the Upper Madison River, Montana Terr. after a reconnoissance by G. R. Bechler. Scale 6 in. = 1 m.
2 sh. *col. Washington* [*D.C.*], 1872.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [*Maps.*]
Geological and geographical Atlas of Colorado and portions of adjacent territory by F. V. Hayden. *4 pls. (col.), 16 maps (8 col.)* fol. [*Washington, D.C.*] 1877.

UNITED STATES.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.
Report, *&c.* 7 Vol., & Atlases.
4⁰. & fol. *Washington* [*D.C.*], 1870–80.

Vol. I. Systematic Geology. By C. King. *pp. xii, 803, 14 tabs., 28 pls. (col.), 12 maps col.* 1878.
Geological and Topographical Atlas. *21 maps (col.), 2 pls. col.* 1876.
,, II. Descriptive Geology. By A. Hague and S. F. Emmons. *pp. xiii, 890 : 26 pls.* 1877.
,, III. Mining Industry. By J. D. Hague, with geological contributions by C. King. *pp. xv, 647 : 38 pls., 1 map.* 1870.
—— Atlas. *4 maps col. : 10 pls. col.* 1870.
Geology of the Toyabe Range. By S. F. Emmons.
Geology of the White Pine district. By A. Hague.
Egan Cañon district. By S. F. Emmons.
Lists of Fossils from Utah, with some notes. By F. B. Meek.
,, IV. *Pp. xii, 669 : 24 pls., text illust.* 1877.
Pt. 1. Palæontology. By F. B. Meek.
,, 2. Palæontology. By J. Hall and R. P. Whitfield.
,, 3. Ornithology. By R. Ridgway.
,, V. Botany. By S. Watson, aided by D. C. Eaton and others. *pp. liii, 525 : 40 pls., 1 map.* 1871.
Cactaceæ. By G. Engelmann.
Compositæ. By D. C. Eaton.
Polemoniaceæ and Eriogoneæ (Polygonaceæ). By A. Gray.
Naiadaceæ. By J. W. Robbins.
Carices. By S. T. Olney.
Equisetaceæ and Filices. By D. C. Eaton.
Musci. By T. P. James.
Lichenes. By E. Tuckerman.
Algæ. By H. C. Woods.
,, VI. Microscopical Petrography. By F. Zirkel. *pp. xv, 297 : 12 pls. (col.)* 1876.
,, VII. Odontornithes: a monograph on the extinct toothed birds of North America. By O. C. Marsh. *pp. xv, 201 : 34 pls., text illust.* 1880.

United States.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.
Catalogue and Index of the Publications of the . . . Exploration, *&c. See* infra, GEOLOGICAL SURVEY. Bulletin No. 222, 8⁰. 1904.

UNITED STATES.—GEOLOGICAL SURVEY.
Annual Report, *&c.* No. 1→
4°. & 8°. *Washington* [*D.C.*], 1880→

United States.—GEOLOGICAL SURVEY.
Monographs, *&c.* Vol. I→
4°. & fol. *Washington* [*D.C.*], 1882→
Each monograph is separately paged.

United States.—GEOLOGICAL SURVEY.
Bulletin, *&c.* No. 1→ 8°. *Washington* [*D.C.*], 1883→
Each number contains a separate memoir. The first fifty-four numbers were grouped into eight volumes, each with a secondary pagination in addition to that of the number.

United States.—GEOLOGICAL SURVEY.
Mineral Resources of the United States, by A. Williams ([and afterwards] D. T. Day). 1882–93, 1900→
8°. *Washington* [*D.C.*], 1883→
The Reports for 1894 to 1899 inclusive were issued as part of the 'Annual Reports' for those years.

United States.—GEOLOGICAL SURVEY.
Contributions to Economic Geology, 1902→ *illust.* *See* supra, Bulletin No. 213→ 8°. 1903→
These Contributions recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.
Report on Progress of Investigations of Mineral Resources of Alaska . . . by A. H. Brooks, *&c.* 1904→ *See* supra, Bulletin No. 259→ 8°. 1905→
These Reports recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.
Professional Paper No. 1→
4°. *Washington* [*D.C.*], 1902→

United States.—GEOLOGICAL SURVEY.
Water Supply and Irrigation Paper, *&c.* No. 65→
8°. *Washington* [*D.C.*], 1902→
Each number contains a separately-paged paper.

United States.—GEOLOGICAL SURVEY.
Mineral Products of the United States . . . 1888 to 1897. By D. T. Day. s.sh. *Washington* [*D.C.*], 1898.

—— 1895–1904. [By] D. T. Day.
s.sh. *Washington, D.C.*, 1905.

United States.—GEOLOGICAL SURVEY.
Preliminary Report on the Cape Nome Gold region, Alaska . . . By F. C. Schrader and A. H. Brooks. *pp. 56 : 19 pls., 3 maps (1 geol. col.), text illust.*
8°. *Washington* [*D.C.*], 1900.

United States.—GEOLOGICAL SURVEY.
The Geology and Mineral Resources of a portion of the Copper River district, Alaska. By F. C. Schrader and A. C. Spencer. *pp. 94 : 8 pls., 5 maps (col.)*
8°. *Washington* [*D.C.*], 1901.

United States.—GEOLOGICAL SURVEY.
Reconnaissances in the Cape Nome and Norton Bay regions, Alaska, in 1900. By A. H. Brooks, G. B. Richardson, A. J. Collier and W. C. Mendenhall. *pp. 222 : 14 pls., 9 maps (col.), text illust.*
8°. *Washington* [*D.C.*], 1901.
Consists of :
1. A Reconnaissance of the Cape Nome and adjacent Gold Fields of Seward Peninsula, Alaska, in 1900. By A. H. Brooks, assisted by G. B. Richardson and A. J. Collier. [Including Notes on the Vegetation by A. J. Collier.]
2. A Reconnaissance in the Norton Bay region . . . in 1900. By W. C. Mendenhall.

United States.—GEOLOGICAL SURVEY.
The State Geological Surveys of the United States. Compiled under the direction of C. W. Hayes. *pp. 177.* *See* supra, Bulletin 465. 8°. 1911.

United States.—GEOLOGICAL SURVEY.
List of the publications of the . . . Survey. *pp. 46.*
8°. *Washington* [*D.C.*], 1893.

The Publications of the . . . Survey (not including Topographic Maps). *pp. 116.*
8°. *Washington* [*D.C.*], 1912.

United States.—GEOLOGICAL SURVEY.
Bibliography and Index of the publications of the . . . Survey, with the laws governing their printing and distribution. By P. C. Warman. *pp. 495.* *See* supra, Bulletin, *&c.* No. 100. 8°. 1893.

—— [Another edition entitled :] Catalogue and Index of the Publications of the . . . Survey, 1880 to 1901, *&c.* *See* supra, Bulletin, *&c.* No. 177. 8°. 1901.

—— 1901–1903, *&c.* *See* supra, Bulletin, *&c.* No. 215.
8°. 1903.

United States.—GEOLOGICAL SURVEY.
The United States Geological Survey and its methods of Work. *See* WALCOTT (C. D.) 8°. 1895.

United States.—GEOLOGICAL SURVEY.
The United States Geological Survey : its origin, development, organization, and operations. *pp. 205 : 3 pls., 6 maps (col.), text illust.* *See* supra, Bulletin, *&c.* No. 227. 8°. 1904.

United States.—GEOLOGICAL SURVEY. [*Maps.*]
Geologic Atlas of the United States . . . Library edition. Folio 1→ fol. *Washington* [*D.C.*], 1894→
Each folio deals with a single section of the country and contains :— 1°. a letterpress description in quadruple column ; 2°. a topographical map of the area ; 3°. a geologically coloured one ; 4°. one showing the economic geology ; 5°. a repetition of 4 with the horizontal sections drawn in their respective positions ; 6°. a table of vertical sections. The several maps are on different scales.

—— Field edition. Scale 1 : 125,000 [*i.e.* 1 in. = 2 m. nearly.] Folio 2, 3, 5 & 8. fol. *Washington* [*D.C.*], 1894.
The contents of each folio are similar to those of the Library Edition above.

UNITED STATES.—PACIFIC RAILROAD SURVEY.
Reports of explorations and surveys, to ascertain the most practicable . . . route for a railroad from the Mississippi River to the Pacific Ocean. Made . . . in 1853–54, *&c.* 11 Vol. [in 12] *illust.*
4°. *Washington* [*D.C.*], (1853-) 1855–59.

Vol.
I. Index. *pp. viii.*
(1855) Report of the Secretary of War [Jefferson Davis] on the several . . . explorations. *pp. 134.*
Report of explorations for a route . . . near the forty-seventh and forty-ninth parallels . . . from St. Paul to Puget Sound. By I. I. Stevens. *pp. vii, 651.*

,, Supplementary Report of explorations for a route . . . near
Suppt. the forty-seventh and forty-ninth parallels . . . from St.
(1859) Paul to Puget Sound. By I. I. Stevens. 1855.
Pt. I. General Report. *pp. 333, viii : 70 pls. col., 2 maps, 1 section.* 1859.
,, II. Botanical Report. *pp. 72 : 6 pls.* 1859.
No. 1. Botany. By J. G. Cooper.
,, 2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
,, 3. Catalogue of Plants collected in Washington Territory. By J. G. Cooper.
,, III. Zoological Report. *pp. viii, 399 : 47 pls. (8 col.)* 1859.
No. 1. Insects. By J. T. [*i.e.* J. L.] Leconte.
,, 2. Mammals. By J. G. Cooper, G. Suckley, and G. Gibbs.
,, 3. I. Land Birds. By J. G. Cooper.
II. Water Birds. By G. Suckley.
,, 4. Reptiles. By J. G. Cooper.
,, 5. Fishes. By G. Suckley.
,, 6. Mollusca. By W. Cooper.
,, 7. Crustacea. By J. G. Cooper.
Appendix. *pp. 28.*

[United States.—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, *&c.* (contd.)]

Vol.
II. (1855) Report of explorations for a route . . . by . . . J. W. Gunnison . . . near the thirty-eighth and thirty-ninth parallels . . . from the mouth of the Kansas River, Mo., to the Sevier Lake, in the Great Basin. Report by . . . E. G. Beckwith. *pp. 128 : 13 pls. col.* [1854.]
[For Zoology, *See* Vol. x.]

Report of explorations for a route . . . on the line of the forty-first parallel . . . By . . . E. G. Beckwith. *pp. 132 : 14 pls., text illust.* 1854.
Geological report of the . . . thirty-eighth and forty-first parallels . . . by J. Schiel (Infusorial Fossils by W. Bailey).
Botany . . . by J. Torrey and A. Gray. Route on the forty-first . . . and near the thirty-eighth and thirty-ninth parallels, *&c.*
[Zoology, *See* Vol. x.]

Synopsis of a report of the reconnaissance of a . . . route from Puget Sound via South Pass to the Mississippi River. By F. W. Lander. *pp. 45.* 1856.

Report of exploration of a route . . . near the thirty-second parallel . . . from the Red River to the Rio Grande, by . . . J. Pope. *pp. iv, 185 : 10 pls.* 1854.
Botany . . . by J. Torrey and A. Gray, *&c.*

Report on the Geology of the route near the thirty-second parallel . . . by W. P. Blake. *pp. 50 : 1 pl. col., 1 map geol. col.* 1856.

Report of explorations for . . . route, near the thirty-second parallel . . . lying between Dona Ana, on the Rio Grande, and Pimas Villages, on the Gila. By . . . J. G. Parke. *pp. 28.* [1854.]
[For Zoology, *See* Vol. x.]

Route near the thirty-second parallel . . . Extract from report of a . . . reconnaissance made in 1846 and 1847, by . . . W. H. Emory. *pp. 22.* [?]

III. (1856) Extracts from the [preliminary] report of . . . route, near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple. *pp. 36.* [?]

Report of explorations for a . . . route near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple . . . assisted by . . . J. C. Ives. 1853–54.
Pt. I. Itinerary. *pp. x [vii,] 136 : 10 pls. col., text illust.*
,, II. Report on the topographical features and character of the country. *pp. 77 : 10 pls. (col.), text illust.* 1856.
,, III. Report upon the Indian Tribes, by . . . A. W. Whipple, T. Ewbank . . . and W. W. Turner. *pp. 127 : 7 pls. col., text illust.* 1855.
,, IV. Report on the Geology. *pp. cii [iii,] 175 : 5 pls. (col.), 1 map geol. col., text illust.* 1856.
No. 1. General Report . . . by W. P. Blake. (Notices of the fossils by J. Hall.)
,, 2. Resumé and Field Notes. By J. Marcou.

IV. (1856) ,, V. Report on the Botany. *pp. cii, 193 : 60 pls.* 1856.
No. 1. General description. By J. M. Bigelow.
,, 2. Forest Trees. By J. M. Bigelow.
,, 3. Cactaceæ. By G. Engelmann and J. M. Bigelow.
,, 4. The general botanical collections. By J. Torrey.
,, 5. Mosses and Liverworts. By W. S. Sullivant.
,, VI. Report on the Zoology. 1856.
No. 1. Field Notes. By C. B. R. Kennerly. *pp. 17.*
[For continuation, *See* Vol. x.]
Appendices. *pp. 288.*

V. (1856) Report of explorations in California . . . By . . . R. S. Williamson. 1853.
[*i.e.* 1857] Introduction. [*pp. ii.*]
Pt. I. Report. *pp. 43 : 12 pls. col., text illust.* 1855.
,, II. Geological Report. By W. P. Blake. *pp. xvi, 370, xiii : 42 pls. (col.), 4 maps col., text illust.* 1857.
[Wanting pl. x to Article 2, which occurs in Blake's re-issue.]
Appendix :—
Art. 1. The fossil fishes. By L. Agassiz.
,, 2. The fossil shells. By T. A. Conrad.
,, 3. The recent shells. By A. A. Gould.
,, 4. Letter from J. W. Bailey, describing the structure of the fossil plant from Pasuncula River.
,, 5. Structure of the fossil wood from the Colorado Desert. By G. C. Schaeffer.
,, 6. Chemical examinations of the soils and incrustations. By J. D. Easter.
,, 7. Descriptions of Plants collected . . . by W. P. Blake. By J. Torrey.
,, 8. Fossil microscopic organisms, from Monterey. By J. W. Bailey.
[Title only of Art. 8, which appears never to have been published.]
,, III. Botanical Report. By E. Durand and T. C. Hilgard. *pp. 15 : 18 pls.* 1855.
,, IV. Zoological Report. [*See* Vol. x.] 1857.
Appendices. *pp. 14.*

[United States.—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, *&c.* (contd.)]

Vol.
VI. (1857) Report of . . . H. L. Abbot . . . upon explorations for a . . . route from the Sacramento Valley to the Columbia River, made by . . . R. S. Williamson . . . assisted by . . . H. L. Abbot. 1855.
Introduction. *pp. 1–16.*
Pt. I. General Report. *pp. 17–124 : 13 pls. col., text illust.* 1857.
,, II. Geological Report. *pp. 85 : 5 pls. (1 col.), text illust.* 1856.
No. 1. Geology of the route. By J. S. Newberry.
,, 2. The Tertiary Fossils. By T. A. Conrad.
,, 3. Analytical examination of Water and Minerals from the hot springs in Des Chutes Valley. [By] E. N. Horsford [and L. M. Dornbach].
,, 4. Catalogue of the Minerals and Fossils collected.
,, III. Botanical Report. *pp. 102 : 16 pls. (col.), text illust.* 1857.
No. 1. Botany of the route. By J. S. Newberry.
,, 2. Catalogue of the Plants collected, *&c.*
I. Exogenous Plants. By A. Gray, J. Torrey, and J. S. Newberry.
II. Endogenous Plants. By J. Torrey.
III. Mosses and Liverworts. By W. S. Sullivant.
IV. Lichens. By E. Tuckerman.
,, IV. Zoological Report. *pp. 114, iv : 16 pls. (col.)* 1857.
Prefatory note [By H. L. Abbot].
No. 1. Fishes. By Dr. C. Girard.
,, 2. Zoology. By J. S. Newberry.
,, 3. Land Shells. By W. G. Binney.
,, 4. Reptiles. By S. F. Baird. [Title only: *See* Vol. x.]
Appendices. *pp. 64.*

VII. (1857) Report of explorations for . . . routes from San Francisco Bay to Los Angeles, California, west of the coast range, and from the Pimas Villages on the Gila, to the Rio Grande, near the thirty-second parallel . . . By . . . J. G. Parke assisted by A. H. Campbell. 1854–55.
Introduction. *pp. 15.*
Pt. I. General Report. *pp. 42 : 8 pls.* 1857.
,, II. Geological Report. By T. Antisell. (Report on the Palæontology of the Survey. By T. A. Conrad.) *pp. 204 : 24 pls., 2 maps geol. col.* 1856.
,, III. Botanical Report. By J. Torrey. (Synoptical tables of Botanical Localities. By T. Antisell.) *pp. 28 : 8 pls.* 1856.
Appendices. *pp. 116 : 11 pls.*

Conclusion of the official review of the reports upon the explorations and surveys for . . . routes, *&c. pp. 37.* 1855–57.

VIII. (1857) General report upon the Zoology of the several . . . routes. 1857.
Introduction. *pp. i–xciii.*
Pt. I. Mammals. By S. F. Baird. *pp. xix–xlviii, 757 : pls. xvii–lx, text illust.* 1857.

IX. (1858) ,, II. Birds. By S. F. Baird . . . J. Cassin and G. N. Lawrence. *pp. lvi, 1005.* 1858.

X. (1859) ,, III. Reptiles. By S. F. Baird. *pp. 16 : 13 pls.* 1859.
,, IV. Fishes. By C. Girard. *pp. xiv, 400 : 21 pls.* 1858.

Report of . . . E. G. Beckwith . . . upon explorations for a . . . route, near the thirty-eighth and thirty-ninth parallels . . . and near the forty-first parallel. 1854.
[Continued from Vol. II.]
Zoological Report. *pp. 27 [1] : 20 pls.* 1857.
No. 2. Mammals. By S. F. Baird.
,, 3. Birds. By S. F. Baird.
,, 4. Reptiles. By S. F. Baird.
,, 5. Fishes. By C. Girard.
[Insects, by J. L. Leconte, were to have been issued with this Report and are mentioned in the Contents of some copies, but do not appear to have been included.]

Report of explorations for a . . . route near the thirty-fifth parallel . . . by . . . A. W. Whipple . . . assisted by . . . J. C. Ives. 1853–54.
[Continued from Vol. IV.]
Pt. VI. Zoological Report. *pp. 64 : 34 pls. (col.)* 1859.
No. 2. Mammals. By C. B. R. Kennerley.
,, 3. Birds. By C. B. R. Kennerley.
,, 4. Reptiles. By S. F. Baird.
,, 5. Fishes. By C. Girard.

Report of explorations for a . . . route near the 32d parallel . . . By . . . J. G. Parke. 1855.
[Continued from Vol. II.]
Zoological Report. *pp. 24 : 4 pls. (col.)* 1859.
Introductory Letter. By A. L. Heermann.
No. 1. Birds. By A. L. Heermann.
,, 2. Reptiles. By E. Hallowell.

Report of explorations in California . . . By . . . R. S. Williamson. 1853.
[Continued from Vol. V.]
Pt. IV. Zoological Report. *pp. 97 : 26 pls. (col.)* 1859.
Introductory Letter. By A. L. Heermann.
No. 1. Reptiles. By E. Hallowell.
,, 2. Birds. By A. L. Heermann.
,, 3. Mammals. By S. F. Baird.
,, 4. Fishes. By C. Girard.

Report of . . . H. L. Abbott, *&c.* 1855.
[Continued from Vol. VI.]
Pt. IV. Zoological Report. 1857.
No. 4. Reptiles. By S. F. Baird. *pp. 13 : 4 pls.*

[**United States.**—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, *&c.* (contd.)]

Vol. XI. (1855) Memoir to accompany the map of the Territory of the United States from the Mississippi River to the Pacific Ocean . . . By . . . G. K. Warren. *pp. 120 : 4 maps.* 1859.
Topographical maps, profiles, and sketches to illustrate the various reports, *&c.* *pp. iv : 13 pls., 32 maps & plans.* 1859.

—— [Another edition.] 12 Vol. [in 13.]
4⁰. *Washington* [*D.C.*], (1853–) 1855–61.

In this edition Vol. XI is dated 1861, and differs in the setting and pagination ; while the supplement to Vol. I, reprinted and with the plates re-drawn, is styled Vol. XII and issued in two volumes as under :—

Vol. XII. Book 1. (1860) Narrative and final report of explorations for a route . . . near the forty-seventh and forty-ninth parallels . . . from St. Paul to Puget Sound. By I. I. Stevens. [For 1st report, *See* Vol. I.] 1855.
Introduction.
Pt. I. General Report, Appendices and Index. *pp. 358, 41 : 71 pls. col., 2 maps.* 1860.

Book 2. (1860) ,, II. Botanical Report. *pp. 76 : 6 pls.* 1860.
No. 1. Botany. By J. G. Cooper.
,, 2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
,, 3. Catalogue of the Plants collected in Washington Territory. By J. G. Cooper.
,, III. Zoological Report. *pp. viii [i.] 399 : 47 pls. (col.)* 1860.
No. 1. Insects. By J. T. [*i.e.* J. L.] Leconte.
,, 2. Mammals. By J. G. Cooper, G. Suckley, and G. Gibbs.
,, 3. Birds.
I. Land Birds. By J. G. Cooper.
II. Water Birds. By G. Suckley.
,, 4. Reptiles. By J. G. Cooper.
,, 5. Fishes. By G. Suckley.
,, 6. Mollusca. By W. Cooper.
,, 7. Crustacea. By J. G. Cooper.

—— [For a re-issue of Vol. I, suppt. pt. II & III] *See* SUCKLEY (G.) & COOPER (J. G.) The Natural History of Washington, *&c.* 4⁰. 1860.

—— [For a re-issue of Vol. V, pt. II] *See* BLAKE (W. P.) Report of a geological reconnaissance in California, *&c.* 4⁰. 1858.

—— [For a re-issue of Vol. VIII]. *See* BAIRD (S. F.) The Mammals of North America, *&c.* 4⁰. 1859.

—— [For a re-issue of Vol. IX, with additions] *See* BAIRD (S. F.) The Birds of North America, *&c.* 4⁰. 1860.

UNITED STATES.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.
Publications, *&c.* *pp. 35.* 8⁰. *Washington* [*D.C.*], 1912.

United States.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.—*Hygienic Laboratory.*
Bulletin No. 62 . . . The taxonomic value of the microscopic structure of the stigmal plates in the Tick genus *Dermacentor*, *&c.* *See* STILES (C. W.) 8⁰. 1910.

United States.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.
The Rat and its relation to the Public Health. By various authors. *pp. 254 : 6 pls., text illust.*
8⁰. *Washington* [*D.C.*], 1910.

UNITED STATES.—SURGEON-GENERAL'S OFFICE, U.S. ARMY.
Index-Catalogue of the Library . . . Authors and Subjects. Vol. I–XVI. 4⁰. *Washington*, 1880–95.

—— Second Series. Vol. I→ 8⁰. *Washington*, 1896→

Alphabetical list of abbreviations of titles of medical periodicals employed in the Index-Catalogue, *&c.*
4⁰. *Washington*, 1895.

UNITED STATES.—UNITED STATES & MEXICAN BOUNDARY SURVEY.
Report . . . By W. H. Emory. 2 Vol. *illust.*
4⁰. *Washington*, 1857–59.

House of Representatives : 34th Congr., 1st Sess., Ex. Doc. No. 135.

Vol. I. (1857) Pt. 1. [General Report] *pp. xvi, 258 : 54 pls. (col.), 1 map, text illust.*
,, 2. Geological Reports of C. C. Parry and A. Schott.—Notes by W. H. Emory.—Palæontology and Geology . . . by J. Hall.—Description of Cretaceous and Tertiary Fossils by J. A. Conrad. *pp. 174 : 21 pls., text illust.*

Vol. II. (1859) ,, 1. Botany.
Introduction by C. C. Parry.—Botany . . . By J. Torrey. *pp. 296 : 61 pls.*
Cactaceæ . . . By G. Engelmann. *pp. 78 : 76 pls.*
,, 2. Zoology.
Mammals . . . By S. F. Baird. *pp. 62 : 27 pls.*
Birds . . . by S. F. Baird. *pp. 32 : 25 pls.*
Reptiles . . . By S. F. Baird. *pp. 35 : 41 pls.*
Ichthyology . . . by C. Girard. *pp. 85 : 41 pls.*

For a re-issue of Vol. II, pt. 2. Mammals, *See* BAIRD (S. F.) The Mammals of North America. 4⁰. 1859.

UNITED STATES. [*Maps.*]
Map of a reconnoissance between Fort Leavenworth on the Missouri River, and the Great Salt Lake . . . Utah, made in 1849 and 1850 . . . by Capt. H. Stansbury, *&c.* Scale 1 : 1,000,000 [*i.e.* 1 in. = 15¾ m. about]. *See* STANSBURY (H.) An expedition to the Valley of the Great Salt Lake of Utah, *&c.* s.sh. 1852.

United States. [*Maps.*]
A Geological Map of the United States [Scale 1 in. = 103 m. about], *&c.* *See* MARCOU (J.) s.sh. 1853.

United States. [*Maps.*]
Map of the Territory of the United States from the Mississippi to the Pacific Ocean . . . Compiled . . . by . . . G. K. Warren. Scale 1 : 3,000,000 [*i.e.* 1 in. = 47⅓ m. about]. *See* UNITED STATES.—PACIFIC RAILROAD SURVEY. Reports, *&c.* Vol. XI. 4⁰. 1854–57.

This is accompanied by topographical maps (on larger scale), with profiles and sketches to illustrate the various reports.

United States. [*Maps.*]
Geological Map of the United States and British North America . . . by H. D. Rogers. Scale 1 in. = 160 m.
s.sh. *col. Boston*, 1855.

K. Johnston's Physical Atlas. Pl. VIII.
Presentation copy, with the compiler's autograph, to Sir R. Owen.

United States. [*Maps.*]
Colton's new Railroad Map of the States of Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin & Iowa. Minnesota, Nebraska, & Kansas showing the township lines of the United States Surveys. [Scale 1 in. = 35 m.] s.sh. *col. New York*, 1861.

The names of the last three States have obviously been added on the present plate.

United States. [*Maps.*]
Geological Map of the United States. Compiled . . . by C. H. Hitchcock and W. P. Blake, *&c.* [Scale 1 in. = 90 m.] s.sh. *col.* [*New York*,] 1872.

United States. [*Maps.*]
Rand McNally & Co.'s new railroad and county map of the United States and [a portion of] Canada . . . Approximate Scale 32 miles to one inch.
3 sh. *Chicago*, 1886.

United States. [*Maps.*]
Map of the United States and territories, with adjacent parts of Canada and Mexico, also part of the West India Islands . . . Compiled . . . [By] A. F. Dinsmore, *&c.* [Scale 1 in. = 40 m. about.]
6 sh. *col.* [*Washington, D.C.*,] 1892.

United States. [*Maps.*]
Rand, McNally & Co.'s Indexed Atlas of the World, *&c.* Vol. II. *78 maps col.*
fol. *Chicago & New York* (1899).

United States. [*Maps.*]
Map of the Mining districts of the Western States, compiled by W. Lindgren. Assisted by J. M. Hill, V. C. Heikes, C. Naramore, and A. N. Winchell . . . Scale 1 : 2,500,000, approximately 40 miles to 1 inch. s.sh. (*col.*) *See* supra, GEOLOGICAL SURVEY. Mineral Resources of the United States . . . 1907. Pt. I. 8⁰. 1908.

United States. [*Maps.*]
[For Geological and other special maps of the United States, *See* supra, under the different Surveys.]

UNITED STATES CENTENNIAL EXHIBITION, 1876.
See PHILADELPHIA.—*International Exhibition, 1876.*

UNITED STATES NATIONAL MUSEUM.
[1873 The collections of the *Smithsonian Institution* were formed into a separate department as the *United States National Museum.*]
Annual Report, *&c.* 1884—> *See* SMITHSONIAN INSTITUTION. Annual Report, *&c.* 1884—> 8⁰. 1885—>
Issued as annual volumes supplemental to the "Annual Reports" of the Institution : the first being styled "Report," *&c.*
Prior to 1884 the reports on the collections were incorporated in the "Annual Reports" of the Institution.

United States National Museum.
Bulletin, *&c.* No. 1—> 8⁰. *Washington* [*D.C.*], 1875—>
Each number contains a separately-paged paper.
No. 1–16 were also issued in the "Smithsonian Miscellaneous Collections."

United States National Museum.
Proceedings, *&c.* Vol. I—>
8⁰. *Washington* [*D.C.*], 1879—>
Vol. I–IV were also issued in the "Smithsonian Miscellaneous Collections."

United States National Museum.
Special Bulletin. No. 1—> 4⁰. *Washington* [*D.C.*], 1892—>

United States National Museum.
Contributions from the United States National Herbarium. Vol. VIII—> *illust.*
8⁰. *Washington* [*D.C.*], 1903—>
Vol. I–VII, 1890–1902, were published by the United States Department of Agriculture.—Botany Division [*q.v.*].

United States National Museum.
A List of the Publications of the . . . Museum (1875–1900), *&c.* *See* supra, Bulletin, *&c.* No. 51. 8⁰. 1902.

United States National Museum.
Catalogue of the Aquatic and Fish-eating Birds.—Catalogue of the Economic Mollusca and the . . . appliances used in their capture, *&c.*—Catalogue of the collections of Fishes.—Catalogue of the Aquatic Mammals exhibited by the . . . Museum. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* United States of America. Catalogues C. D. F. H. 8⁰. 1883.

United States National Museum.
The Apodous Holothurians : a monograph of the Synaptidæ and Molpadiidæ, including a report on the representatives of these families in the Collections of the . . . Museum. By H. L. Clark. *pp. 231 : 13 pls. (col.), text illust.* *See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. (No. 1723.) Vol. XXXV. 4⁰. 1907.

United States National Museum.
Catalogue of the Type-specimens in the . . . Museum, including the Biological Survey Collection. By M. W. Lyon, Jr. . . . and W. H. Osgood. *pp. ix [i], 325.* *See* supra, Bulletin 64. 8⁰. 1909.

United States National Museum.
North Pacific Ophiurans in the Collection of the . . . Museum. By H. L. Clark. *pp. xvi, 302 : text illust.* *See* supra, Bulletin No. 75. 8⁰. 1911.

United States National Museum.
List of North American Land Mammals in the United States National Museum, 1911. *pp. xiv, 455, 3.* *See* supra, Bulletin No. 79. 8⁰. 1912.

UNIVERSIDAD CENTRAL DE VENEZUELA. *See* CARACAS.

UNIVERSIDAD DE CHILE.
See SANTIAGO, *Chile.*

UNIVERSIDAD NACIONAL DE CÓRDOBA.
See CORDOVA.

UNIVERSIDAD NACIONAL DE LA PLATA.
See LA PLATA, *Town of.*—UNIVERSITY.

UNIVERSIDADE DE COIMBRA.
See COIMBRA.

UNIVERSITÀ TOSCANE.
See PISA.—REGIA UNIVERSITÀ DEGLI STUDI.

UNIVERSITAET STRASSBURG.
See STRASBURG.—KAISER-WILHELMS UNIVERSITAET.

UNIVERSITAET ZU KIEL.
See KIEL.—KOENIGLICHE CHRISTIAN-ALBRECHTS UNIVERSITAET.

UNIVERSITAS CONIMBRICENSIS.
See COIMBRA.—UNIVERSIDADE DE COIMBRA.

UNIVERSITAS FRANCOFURTANA.
See FRANKFORT ON THE ODER.

UNIVERSITAS FRIDERICIANA.
See HALLE.—FRIEDRICHS-UNIVERSITAET.

UNIVERSITAS HAVNIENSIS.
See COPENHAGEN.—KJØBENHAVNS UNIVERSITET.

UNIVERSITAS LUNDENSIS.
See LUND.—KAROLINSK UNIVERSITET.

UNIVERSITAS REGIA FREDERICIANA.
See CHRISTIANIA.—KONGELIGE FREDERIKS UNIVERSITET.

UNIVERSITAS RUPERTO CAROLINA.
See HEIDELBERG.—GROSSHERZOGLICHE RUPRECHT-KARLS-UNIVERSITAET.

UNIVERSITAS TUBINGENSIS.
See TUBINGEN.—KOENIGLICHE EBERHARD-KARLS-UNIVERSITAET.

UNIVERSITAS VRATISLAVIENSIS.
See BRESLAU.—KOENIGLICHE UNIVERSITAET.

UNIVERSITÉ DE L'ÉTAT DE GAND.
See GHENT.

UNIVERSITÉ DE LIÉGE. *See* LIEGE.

UNIVERSITÉ DE LYON. *See* LYONS.

UNIVERSITÉ DE MONTPELLIER.
See MONTPELLIER.

UNIVERSITY COLLEGE OF NORTH WALES. *See* BANGOR.

UNIVERSITY COLLEGE OF SHEFFIELD.
See SHEFFIELD.

UNIVERSITY COLLEGE OF WALES.
See ABERYSTWITH.

UNIVERSITY COLLEGE OF WALES SCIENTIFIC SOCIETY.
List of the Flowering Plants and Ferns of Aberystwyth and neighbourhood, *&c.* *See* SALTER (J. H.) 8⁰. [1903 ?]

UNIVERSITY GEOLOGICAL SURVEY OF KANSAS.
See LAWRENCE.—UNIVERSITY OF KANSAS.—*Geological Survey.*

UNIVERSITY MAGA, The. [Edited by E. Forbes and J. Percy.] Vol. II, no. 1–12. *pp.* [*ii,*] *100 : 13 pls.* 8⁰. *Edinburgh*, (1837–) 1838.
This was Percy's own copy, and contains his notes, as well as the original drawing for one of the illustrations by Forbes.

UNIVERSITY OF CALIFORNIA.
See BERKELEY.

UNIVERSITY OF DURHAM PHILOSOPHICAL SOCIETY. [Founded 1896.]
Proceedings, *&c.* Pt. 1→ 8⁰. *Newcastle-upon-Tyne*, 1898→

University of Durham Philosophical Society.
Memoir No. 1. On a case of Thrust and Crush-Brecciation in the Magnesian Limestone, County Durham. By D. Woolacott . . . *pp. 16 : 9 pls., 1 map, text illust.* 8⁰. *Newcastle-upon-Tyne*, 1909.

UNIVERSITY OF ILLINOIS. *See* URBANA.

UNIVERSITY OF JAPAN.
See TOKIO.—TEIKOKU DAIGAKU.

UNIVERSITY OF KANSAS. *See* LAWRENCE.

UNIVERSITY OF MONTANA.
See MISSOULA, *Montana.*

UNIVERSITY OF NEBRASKA.
See LINCOLN, *Nebraska.*

UNIVERSITY OF PENNSYLVANIA.
See PHILADELPHIA.

UNIVERSITY OF SOUTH DAKOTA.
See VERMILLION.

UNIVERSITY OF TEXAS. *See* AUSTIN.

UNIVERSITY OF THE CITY OF NEW YORK.
See NEW YORK, *City of.*—NEW YORK UNIVERSITY.

UNIVERSITY OF THE STATE OF MISSOURI. *See* COLUMBIA, *Missouri.*

UNIVERSITY OF THE STATE OF NEW YORK. *See* ALBANY.

UNTERSUCHUNGEN AUS DEM GESAMMTGEBIETE DER MYKOLOGIE.
Botanische Untersuchungen über Schimmelpilze. (Untersuchungen aus dem Gesammtgebiete der Mykologie.) Von . . . O. Brefeld. Hft. I–IV. 4⁰. *Leipzig*, 1872–81.
[*Continued as :*]
Botanische Untersuchungen über Hefenpilze. Fortsetzung der Schimmelpilze. Untersuchungen aus dem Gesammtgebiete der Mykologie von . . . O. Brefeld. Hft. V. 4⁰. *Leipzig*, 1883.
[*Continued as :*]
Untersuchungen aus dem Gesammtgebiete der Mykologie. Fortsetzung der Schimmel- und Hefenpilze. Von O. Brefeld. Hft. VI→ 4⁰. *Leipzig & Münster i. W.*, 1884→

UNTERSUCHUNGEN ZUR NATURLEHRE DES MENSCHEN UND DER THIERE, herausgegeben von J. Moleschott. Bd. I–XIII. 8⁰. *Frankfurt-a.-M. & Giessen*, 1856–88.
Bd. VI–XIII were published at Giessen.

UNVERRICHT (CARL) Anleitung zur Pflanzenkenntniss : ein Handbuch der allgemeinen Botanik und Flora von Deutschland, *&c.* *pp. xl, 812.* 12⁰. *Schweidnitz*, 1842.

UNVERZAGT (CARL WILHELM) [1830–1885] Technologisches Wörterbuch in Deutscher, Französischer und Englischer Sprache . . . herausgegeben von . . . W. Unverzagt . . . Dritte . . . Auflage. 3 Vol. *See* RUMPF (C.) *& others.* 8⁰. 1874–78.

UNWIN (WILLIAM CHARLES) [1811 ?–1887] Illustrations and dissections of the genera of British Mosses. *23 pls., with descriptive letterpress.* fol. *Lewes*, 1878.

UNZER (JOHANN AUGUST) [1727–1799] Observatio . . . de Tæniis. *See* KLEIN (J. T.) Tentamen Herpetologiæ. 4⁰. 1755.

UPENDRANATH (KANJILAL) Forest Flora of the School Circle, N.-W.P., being a descriptive list of the indigenous woody Plants of the Saharanpur and Dehra Dún districts . . . in the North-Western Provinces, with Analyses, *&c.* *pp. xxii, 390.* 8⁰. *Calcutta*, 1902.

UPHAM (WARREN) [1850–] History of explorations among the White Mountains.—Modified Drift in New Hampshire. *See* NEW HAMPSHIRE, *State of.—Geological Survey.* The Geology of New Hampshire, *&c.* Pt. I & III. 4⁰. 1874, 78.

Upham (W.) Preliminary report on the Geology of central and western Minnesota. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 8. 8⁰. 1880.

Upham (W.) Report of progress in exploration of the Glacial Drift and its terminal moraines. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 9. 8⁰. 1881.

Upham (W.) Catalogue of the Flora of Minnesota, *&c.* *pp. 193 : 1 map col.* *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 12. 8⁰. 1884.

Supplement to the Flora of Minnesota. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 3. 8⁰. 1887.

Upham (W.) Notes of rock-outcrops in central Minnesota.—Lake Agassiz : a chapter in Glacial Geology. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 11. 8⁰. 1884.

Upham (W.) Notes on the Geology of Minnehaha county, Dakota. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 13. 8⁰. 1885.

Upham (W.) The upper beaches and deltas of the glacial Lake Agassiz. *pp. 84 : 1 pl., text illust.* *See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 39. Vol. VI. 8⁰. 1887.

Upham (W.) The probable cause of Glaciation. *See* WRIGHT (G. F.) The Ice-age in North America, *&c.* Appendix. 8⁰. 1890.

Upham (W.) The Glacial Lake Agassiz. *pp. xxiv, 658 : 7 pls., 31 maps col., text illust.* *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXV. 4⁰. 1895.

Upham (W.) [For publications in connection with the Survey.] *See* MINNESOTA, *State of.—Geological and Natural History Survey.*

UPPSALA. *See* UPSALA.

UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZSKAGHO KRAYA.
See TIFLIS.—KAVKAZSKOE GHORNAYA UPRAVLENIE.

UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZYE I ZA KAVKAZOM.
See TIFLIS.—KAVKAZSKOE GHORNAYA UPRAVLENIE.

UPSALA.—Academia Upsaliensis.
See infra, KONGLIGA UNIVERSITETET.

UPSALA.—Botaniska Sektionen af Naturvetenskapliga Sällskapet.
[For Proceedings, *&c.*] *See* BOTANISKA NOTISER, *&c.* 1886–1900. 8⁰. 1885–1900.
After 1900 the accounts of the Society's proceedings were reduced to mere brief notices.

UPSALA.—Kongliga Universitetet. [Founded 1477.]
Årsskrift. 1861–1883 (Parts of 1885, 1888, 1889, 1890, 1892, 1893, 1896, 1897) & 1906–07. 8⁰. *Upsala & Stockholm*, 1861–1907.
Each memoir is separately paged.

—— Innehållsforteckning . . . 1861–1870. 8⁰. *Upsala*, 1871.
Issued with the volume for 1871.

—— 1907. Skrifter med anledning af Linnéfesten. 2 Bd. 8⁰. *Uppsala*, 1907.

Upsala.—Kongliga Universitetet.
Årsskrift. Festskrifter. 1877. 8⁰. *Upsala*, 1877.
Each paper is separately paged.

Upsala.—Kongliga Universitetet.
Upsala Universitetet 1872–1897. Festskrift, *&c.* 3 Pt. *illust.* 4⁰. *Upsala*, 1897.

Upsala.—Kongliga Universitetet.
Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-års-jubileum af Uppsala Universitet den 19. November, 1910. *pp. 59 : 1 pl., 1 port.* 4⁰. *Uppsala*, 1910.
Contains :—
E. Swedenborg's investigations in Natural Science and the basis for his statements concerning the functions of the Brain. By M. Ramström.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Hortus Upsaliensis, quem . . . sub præsidio . . . C. Linnæi . . . subjicit S. Naucler, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1745.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. I, no. 7. 8⁰. 1749.

—— —— [Another edition.] Vol. I [no. 2]. 8⁰. 1749.

—— —— Editio tertia. Vol. I, no. 7. 8⁰. 1787.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Beschreibung des Botanischen Gartens zu Upsal. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. III, no 2. 8⁰. 1778.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] C. Linnæi . . . Hortus Upsaliensis exhibens Plantas exoticas Horto Upsaliensis Academiæ a sese illatas, *&c.* *See* LINNÆUS (C.) [*Botanical Works.*] 8⁰. 1748.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Demonstrationes Plantarum in Horto Upsaliensi 1753, quas . . . præside . . C. Linneo . . . offert J. C. Höjer, *&c.* [*Theses & Orations.*] *See* LINNÆUS (C.) 4⁰. [1753.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] C. Linnæi Fil . . . Decas prima (—secunda) Plantarum rariorum Horti Upsaliensis, *&c.* 2 Pt. *See* LINNÉ (C. VON) *the Younger.* fol. 1762 (–63).

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ 1780–1800, *&c.* 7 Pt. *See* THUNBERG (C. P.) 4⁰. [1803–11.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ ab initio sæculi, *&c.* 9 Pt. *See* THUNBERG (C. P.) 4⁰. [1826.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Historisk underrättelse om Upsala Universitets Botaniska Trädgård, 1836. *See* WAHLENBERG (G.) 8⁰. [1837.]

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Linnéminnen i Upsala Botaniska Trädgård. Kritisk undersökning, af F. R. Kjellman. *pp. 33 : 3 pls., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. III, no. 7. 8⁰. 1904.

—— Antikritik, af T. M. Fries. *pp. 45.* *See Op. cit.* Bd. IV, no. 5. 8⁰. 1905.

Upsala.—Kongliga Universitetet.
[*Botanic Garden.*] Einige wildwachsende Taraxaca aus dem Botanischen Garten zu Upsala. Von H. Dahlstedt. *See* SERNANDER (J. R.) *& others.* Botaniska Studier. Tillägnade F. R. Kjellman, *&c.* 8⁰. 1906.

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Invitation du Recteur pour assister aux fêtes du Bicentenaire de Linné le 23 et le 24 Mai, 1907. Cette invitation est suivie des "Vorlesungen über die Cultur der Pflantzen" de Linné [edited by M. B. Swederus]. *pp. 15, viii, 107.* 8⁰. *Upsala*, 1907.
The section "Vorlesungen" was also issued as "Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Inbjudning till Teologie Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift : Studier öfver Salices i Linnés Herbarium af S. J. Enander. *pp. 138, 28 : 2 pls.* 8⁰. *Uppsala*, 1907.
The title on the wrapper is in French.
The plates are reproductions of the "Flora Lapponica," plates vii & viii.
The "Bifogad Skrift" was also issued as :—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Inbjudning till Juris utriusque Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogade Skrifter : Pluto Svecicus och Beskrifning öfwer Stenriket [by C. Linnæus], utgifna af C. Benedicks. *pp. xvii, 48, iii, 91, 10 : 3 pls.* 8⁰. *Uppsala*, 1907.
The title on the wrapper is in French.
The "Bifogade Skrifter" were also issued as :—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Inbjudning till Medicine Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift : Linnés Dietetik. *pp. viii, 167, 248, 15 : 1 pl.* 8⁰. *Uppsala*, 1907.
The title on the wrapper is in French.
The "Bifogad Skrift" was also issued in :—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. II."

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Inbjudning till Filosofie Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift : Linnæi methodus Avium Sveticarum af E. Lönnberg. *pp. 96, 56 : 1 pl.* 8⁰. *Uppsala*, 1907.

The title on the wrapper is in French.
The "Bifogad Skrift" was also issued in :—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. II."

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Linné och Växtodlingen af M. B. Swederus. (Tal om Planterings nytta och nödvändighet i synnerhet på slättbygden i Öster-Göthland . . . af E. O. Rydbeck.) *pp. 102.* 8⁰. *Uppsala*, 1907.

Upsala Univ. Årsskrift, 1907, Linnéfest-Skrifter. Bd. II.

Upsala.—Kongliga Universitetet.
[*Linné Bicentenary.*] Linnéporträtt. Vid Uppsala Universitets minnesfest på tvåhundraårsdagen af C. von Linnés födelse. Å Universitetets vägnar af T. Tullberg. *pp. 187 : 21 pls. (1 col.), text illust.* 4⁰ *Stockholm*, 1907.

Upsala.—Kongliga Universitetet.
[*Mineralogico-geological Institute.*] Meddelanden från . . . Universitets Mineralogisk-Geologiska Institution. No. 1→ 8⁰. *Stockholm*, 1891→

Many of the numbers contain separately-paged papers, extracted from the "Geol. Fören. i Stockholm Förhandl."

Upsala.—Kongliga Universitetet.
[*Mineralogico-geological Institute.*] Bulletin of the Geological Institution of the University . . . Edited by H. Sjögren. Vol. I→ 8⁰. *Upsala*, 1893→

—— Index to . . . Vol. I–X (1893–1910), with an Appendix, *&c.* 8⁰. *Uppsala*, 1910.

Upsala.—Kongliga Universitetet.
[*Museums.* For Lists of Specimens.] *See* THUNBERG (C. P.) 4⁰. [1787–1827.]

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Redogörelse för den Japanska Fisksamlingen i . . . Museum af E. Nyström. *pp. 54. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XIII, afd. IV, no. 4. 8⁰. 1887.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Einige Muriceiden der Gattungen *Achanthogorgia* [*sic*], *Paramuricea* und *Echinomuricea* im Zoologischen Museum . . . Von T. Hedlund. *pp. 18 : 3 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVI, afd. IV, no. 6. 8⁰. 1890 (1891).

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Leptocephalids in the . . . Museum, *&c. See* STRÖMMAN (P. H.) 8⁰. 1896.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Ueber aussereuropäische Hydroiden des Zoologischen Museums . . . Von E. Jäderholm. *pp. 20 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXI, afd. IV, no. 6. 8⁰. 1896.

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Linnean type-specimens of Birds, Reptiles, Batrachians and Fishes in the . . . Museum . . . Revised by . . . E. Lönnberg. *pp. 45. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 1. 8⁰. 1896 (1897).

Upsala.—Kongliga Universitetet.
[*Zoological Museum.*] Alcyonarien aus der Sammlung des . . . Museums . . . Von J. A. Z. Brundin. *pp. 22 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 3. 8⁰. 1896 (1897).

UPSALA.—Kongliga Vetenskaps-Societeten.

[1710 Founded as *Collegium Curiosorum.*
1719 *Societas Litteraria Sueciæ.*
1728 *Societas Regia Litteraria et Scientiarum.*
1742 { *Societas Regia Scientiarum Upsaliensis.*
{ *Kongliga Vetenskaps-Societeten i Upsala.*]

Acta literaria (et scientiarum) Sveciæ. Vol. I–IV. 1720–1739. 4⁰. *Upsaliæ & Stockholmiæ* [1720 ?–] 1738–42.

Vol. III is in five separately-paged parts, or annual volumes.

[*Continued as :*]

Acta, *&c.* 1740–1750. 5 Vol. [in 1.] 4⁰. *Stockholmiæ*, 1744–51.

[*Continued as :*]

Nova Acta, *&c.* Vol. I–XIV. 4⁰. *Upsaliæ*, 1773–1850.

—— Ser. III, vol. I–XX. 4⁰. *Upsaliæ*, 1855–1904.

In Vol. IV–XX each memoir is separately paged.

—— Ser. IV, vol. I→ 4⁰. *Upsala*, 1905→

Each memoir is separately paged.

Upsala.—Kongliga Vetenskaps-Societeten.
Nova Acta . . . Volumen extra ordinem editum (In memoriam quattuor seculorum ab Universitate Upsaliensi peractorum). 4⁰. *Upsaliæ*, 1877.

Contains, *inter alia* :—

No. 1. Essai sur la Société Royale des Sciences d'Upsal et ses rapports avec l'Université d'Upsal. Par O. Glas. *pp. 99.*
,, 2. Analyse des Fleisches einiger Fische. Von A. Almén. *pp. 59.*
,, 8. Polyblastiæ Scandinavicæ. Descripsit T. M. Fries. *pp. 28.*
,, 9. J. Franckenii Botanologia nunc primum edita, præfatione historica, annotationibus criticis, nomenclatura Linnæana illustrata a R. F. Fristedt. *pp. 140.*
,, 12. Ueber die Algenvegetation des Murmanschen Meeres an der Westküste von Nowaja Semlja und Wajgatsch. Von F. R. Kjellman. *pp. 86 : 1 pl.*
,, 13. Synopsis Crustaceorum Svecicorum ordinis Branchiopodorum et subordinis Phyllopodorum. Auctore V. Lilljeborg. *pp. 20.*
,, 14. Kritische Bemerkungen über die Weiden Nowaja Semljas und ihren genetischen Zusammenhang. Von A. N. Lundström. *pp. 44 : 1 pl. col.*
,, 15. Untersuchungen über Chlorosalze und Doppelnitrite des Platins. Von L. F. Nilson. *pp. 90.*
,, 16. Sur la recherche des Mines de Fer à l'aide de mesures magnétiques, par R. Thalén. *pp. 36 : 1 pl.*
,, 17. Note sur quelques Holothuries des mers de la Nouvelle Zemble. Par H. Théel. *pp. 18 : 2 pls.*
,, 18. Ueber die Byssus des *Mytilus edulis.* Von T. Tullberg. *pp. 9 : 1 pl.*
,, 19. On the development and systematic arrangement of the Pithophoraceæ, a new order of Algæ, by V. B. Wittrock. *pp. 80 : 6 pls.*

Upsala.—Kongliga Vetenskaps-Societeten.
Årsskrift, *&c.* Årg. I & II.† 8⁰. *Upsala*, 1860–61.

Upsala.—Kongliga Vetenskaps-Societeten.
Catalogue méthodique des Acta et Nova Acta [and Årsskrift] . . . 1744–1889, *&c.* 4⁰. *Upsala* (1889).

Upsala.—Kongliga Vetenskaps-Societeten.
Katalog öfver K. Vetenskaps-Societetens utställning af Linné-Porträtt. *pp. 14 : text illust.* 8⁰. *Uppsala*, 1907.

Upsala.—Kongliga Vetenskaps-Societeten.
Bibliographia Linnæana : Matériaux pour servir à une bibliographie Linnéenne. Recueillis par J. M. Hulth. Pt. I→ 8⁰. *Upsala*, 1907→

Upsala.—Kongliga Vetenskaps-Societeten.
Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-ärs-jubileum af Uppsala Universitet den 19. November, 1910. *See* supra, KONGLIGA UNIVERSITETET. 4⁰. 1910.

Upsala.—Kongliga Vetenskaps-Societeten.
Kungliga Vetenskaps Societetens . . . Tvåhundraårsminne, *&c.* *pp. 73* [*vi,*] *138, 16* [*7*] *: 10 pls., 8 port.*
8⁰. *Upsala*, 1910.

Contains :—
I. Minnesskrift vid Tvåhundraårsfesten d. 19 November, 1910, af N. C. Dunér.
II. Protokoll af 1711.—Stadgar af 1719 och 1728.
III. Dædalus Hyperboreus : facsimile.

Upsala.—Kongliga Vetenskaps-Societeten.
Bicentenaire de la Société . . . Par N. C. Dunér. *pp. 62.* *See* supra, Nova Acta, *&c.* Ser. IV, vol. III, no. 1.
4⁰. 1911.

Upsala.—Kongliga Vetenskaps-Societeten.
[Autograph] Beskrifning öfver en resa på Kongl. Wetenskaps Societetens uti Upsala, men i synnerhet Wälb. Herr . . . Linnæi annmodan år 1749 om sommaren förrättad, till Lapsk fjällarne åfvan Luleå stad. *See* MONTIN (L.) 4⁰. [ ]

UPSALA.—Linnéska Institutet.
[Founded 1800 as *Societas pro Historia Naturali*; afterwards, *Linnéska Institutet.*]
Linnéska Institutets Skrifter. Första häftet (tryckt i Uppsala 1807.) Med fullständigad text och inledning. Ånyo utgifvet. *pp. iv, 23 : 2 pls., text illust.*
8⁰. *Uppsala*, 1906.

The first sheet and the two plates were printed in 1807, but never published. The original MS. having been found, the complete work was issued for the first time in 1906.

UPSALA.—Regia Academia Upsaliensis.
See supra, KONGLIGA UNIVERSITETET.

UPSALA.—Regia Societas Scientiarum.
See supra, KONGLIGA VETENSKAPS-SOCIETETEN.

UPSALA.—Societas Regia Scientiarum.
See supra, KONGLIGA VETENSKAPS-SOCIETETEN.

UPSALA.—Zoologisches Museum.
See supra, KONGLIGA UNIVERSITETET.

URAL MOUNTAINS. [*Maps.*]
Karte vom Ural Gebirge. Gegründet auf die astronomischen Beobachtungen von Wischnewsky, Schubert, A. v. Humboldt, A. Erman, und auf handschriftliche Specialkarten. Maassstab = 1 : 2,000,000 [*i.e.* 1 in. = 31½ m. about]. s.sh. *col. Gotha*, 1837.

Forming No. 19 of "Bergbaus' Atlas von Asien," and also Pl. xi of G. Rose's "Mineralogisch-geognostische Reise nach dem Ural," *&c.* Bd. I.

Ural Mountains. [*Maps.*]
Carte Géologique du versant occidental de l'Oural, par V. de Möller [*i.e.* V. Ī. Meller] . . . Échelle à 1 : 840,000 [*i.e.* 1 in. = 13 m. about]. s.sh. *col.* [*St. Petersburg ?*] 1869.

Ural Mountains. [*Maps.*]
Gheologhīcheskaya Karta vostochnagho sklona Urala. Sost. A. Karpīnskiī, *&c.* Geologische Karte des Ostabhanges des Urals (mit Ausnahme des Centralgebirges). Von A. Karpinsky. Massstab 1 : 420,000 [*i.e.* 1 in. = 6½ m. about]. 3 sh. *col. S. Peterburgh*, 1884.

URAL'SKOE OBSHCHESTVO LYUBĪTELEĬ ESTESTVOZNANIYA. *See* EKATERINBURG.

URANIE, *French Corvette.* Voyage autour du Monde . . . sur . . . l'Uranie . . . pendant . . . 1817–20, *&c.* *See* FRANCE. [*Voyages, &c.—Uranie & Physicienne.*]
4⁰. & fol. 1824–42.

URBAIR (BERNHARD VON WUELLERSTORF-) *Baron.* *See* WUELLERSTORF-URBAIR.

URBAN (IGNATZ) [1848–] Ueber Keimung, Blüthen- und Fruchtbildung bei der Gattung *Medicago.* Botanische Inaugural-Dissertation, *&c.* *pp.* [*iv,*] *35.*
8⁰. *Berlin*, 1873.

Urban (I.) Vitæ itineraque Collectorum Botanicorum, notæ Collaboratorum biographicæ, Floræ Brasiliensis ratio edendi chronologica, Systema, Index familiarum. (—Umbelliferæ.—Moringaceæ.—Humiriaceæ et Lineæ. —Turneraceæ.—Loasaceæ.) *See* MARTIUS (C. F. P. VON) Flora Brasiliensis, *&c.* Vol. I, pt. 1 ; XI, pt. 1 ; XII, pt. 1 & 2 ; XIII, pt. 3. fol. 1877–1906.

Urban also edited the work from fasc. c, 1887.

Urban (I.) Monographie der Familie der Turneraceen. *pp. 152 : 2 pls.* 8⁰. *Berlin*, 1883.

Reprinted from "Jahrbuch Kgl. botan. Gartens & botan. Museums Berlin," Bd. II [*q.v.* under BERLIN.—K. FRIEDRICH-WILHELMS-UNIVERSITAET].

Urban (I.) G. Engelmann. [Obituary Notice.]
8⁰. [*Berlin,*] 1884.

Berichte Deutsch. Bot. Gesell. Bd. II. *pp. xii–xv.*

Urban (I.) George Bentham. [Memoir.]
8⁰. [*Berlin,*] 1884.

Berichte Deutsch. Bot. Gesell. Bd. II. *pp. xvi–xxi.*

Urban (I.) Jahrbuch des K. Botanischen Gartens . . . Herausgegeben von . . . I. Urban. Bd. III–V. *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—*Botanischer Garten.* 8⁰. 1884–89.

Urban (I.) Führer durch den Königlich Botanischen Garten, *&c.* *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—*Botanischer Garten.*
8⁰. 1887.

Urban (I.) Biographische Skizzen. I. Friedrich Sellow (1789–1831). 8⁰. *Leipzig*, 1893.

Engler's Botan. Jahrb. Bd. XVII, *pp. 177–198.*

Urban (I.) [Turneraceæ and Caricaceæ of East Africa.] *See* DEUTSCH-OST-AFRIKA, *&c.* Bd. V, thl. C. 8⁰. 1895.

Urban (I.) Symbolæ Antillanæ, seu fundamenta Floræ Indiæ Occidentalis. Vol. I→ 8⁰. *Berolini, &c.* 1898→

Urban (I.) Monographia Loasacearum. *pp. iv, 384 : 8 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXXVI, no. 1. 4⁰. 1900.

Urban (I.) Festschrift zur Feier des siebzigsten Geburtstages des . . . Dr. P. Ascherson (4. Juni 1904) . . . Herausgegeben von I. Urban und P. Graebner. *pp.* [*iv,*] *lii, 568 : 1 pl. col., 1 port., text illust.* 8⁰. *Leipzig*, 1904.

Urban (I.) [For official publications] *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—*Botanischer Garten.*

URBANA.—University of Illinois. [Founded 1867.]
The University Studies. Vol. III, no. 2. *pp. 56 : 4 pls., 1 text illust.* 8⁰. *Urbana & Champaign*, 1909.

Contains :—
Preliminary account of the Geology of the Highlands in New Jersey. By W. S. Bayley.
Some notes on River development in the vicinity of Danville, Illinois. By C. H. Wegemann.
Notes on the Distribution of the Mastodon in Illinois. By R. M. Bagg, Jr.
This number also forms "University of Illinois Bulletin," Vol. VI, no. 17.
All previous numbers contain no Natural History.

Urbana.—University of Illinois.—*Agricultural Experiment Station.*
Bulletin. No. 6, 15, 16, 26, 39, 47, 49–60.
8⁰. *Champaign & Urbana*, 1889–1900.

Urbana.—University of Illinois.—*Agricultural Experiment Station.*
Circular, *&c.* No. 20–22 & 24. 8⁰. *Urbana*, 1900.

Urbana.—University of Illinois.—*Illinois State Laboratory of Natural History.*
[1862 Founded as *Museum of the State Natural History Society of Illinois.*
1871 The Society was dissolved and the Museum transferred to the State, as the *Illinois Museum of Natural History.*
1877 Converted into the *Illinois State Laboratory of Natural History*, a *State Museum* being simultaneously founded at Springfield (*q.v.*).
1897 Transferred to the *University of Illinois.*]
Bulletin, *&c.* Vol. I→
8⁰. *Bloomington* [*Ill.*], (1876–) 1884→
In Vol. I, no. 1, 2, 5, 6 & 7 are separately paged.

—— Vol. I, no. 3. Second edition.
8⁰. *Champaign, Ill.*, 1903.

Urbana.—University of Illinois.—*Illinois State Laboratory of Natural History.*
Biennial Report of the Director for 1899–1900. *pp. 12.*
8⁰. *Urbana, Illinois*, 1901.

Urbana.—University of Illinois.—*Illinois State Laboratory of Natural History.*
The Ornithology of Illinois. Pt. 1. Descriptive Catalogue. By R. Ridgway. 2 Vol. *illust.*
8⁰. *Springfield*, 1889–95.

URE (Andrew) [1778–1857] A new System of Geology, *&c. pp. lv, 621 : 7 pls., text illust.* 8⁰. *London*, 1829.

Ure (A.) Neues System der Geologie, *&c. pp. xiv, 626 : 17 pls.* 8⁰. *Weimar*, 1830.

Ure (A.) [Ure's dictionary of Arts, Manufactures, and Mines. 8⁰. *London*, 1839.]
Wanting.

—— By R. Hunt . . . assisted by F. W. Rudler . . . Seventh edition. 4 Vol. *illust.* 8⁰. *London*, 1878–79.

URE (David) [–1798] The History of Rutherglen and East-Kilbride, *&c. pp. vi, 334 : 21 pls. (1 col.)*
8⁰. *Glasgow*, 1793.

Ure (D.) Biographical notice of . . . D. Ure . . . By J. Gray. *See* Gray (J.) 8⁰. 1865.

URE (George) Our Fancy Pigeons, and rambling notes of a Naturalist, *&c. pp. xvi, 282 : 6 pls.*
8⁰. *Dundee, &c.*, 1886.
The plates are in duplicate.

URICH (Frederic William) [1870–] The Cacao Thrips. *See* Trinidad.—*Department of Agriculture.* [Circular.] 8⁰. 1911.

Urich (F. W.) The Sugar Cane Froghopper (*Tomaspis varia*, Fabr.) and biological notes on some Cercopids of Trinidad. *See* Trinidad.—*Department of Agriculture.* Circular No. 9. 8⁰. 1913.

Urich (F. W.) [For official reports as Entomologist] *See* Trinidad.—*Department of Agriculture.*

URQUHART (A. T.) On new species of Tasmanian Araneæ. *pp. 38.* 8⁰. [*Hobart*, 1893.]
Papers & Proc. Roy. Soc. Tasmania. 1892.

URRUTIA. *See* Bolivar y Urrutia.

URRUTIA (P. Lisardo) Datos Geológico-mineros de la provincia de Logroño. *pp. 6. See* Spain.—Instituto geológico de España. Boletín, *&c.* Tom. v.
8⁰. 1878.

URSIN (Johann Heinrich) [1608–1667] J. H. Ursini . . . Arboretum Biblicum, in quo Arbores & Frutices passim in S. Literis occurrentes, notis . . . exponuntur, & illustrantur. *pp. [16,] 621 [3] : 13 pls., engr. title.*
8⁰. *Norimbergæ*, 1663.

—— [Another edition.] Cum Continuatione & Sylva theologiæ symbolicæ, nec non appendice de terribili quondam visa cometa, nunc tertia vice revirescens. 2 Tom. *illust.* 8⁰. *Norimbergæ*, 1685.
The title-page to Tom. II reads :—"J. H. Ursini Continuatio Plantarum Biblicæ, sive, I. De Sacra Phytologia, II. Herbarius Sacer, III. Hortus Aromaticus, cum Sylva Theologiæ Symbolicæ, et S. Jeremiæ virga vigilante tertia vice recusa."

—— [Another edition.] 2 Tom. [in 1 Vol.] *illust.*
8⁰. *Norimbergæ*, 1699.

URSPRUNG (Alfred) Beiträge zur Anatomie und Jahresringbildung tropischer Holzarten. Inaugural-Dissertation, *&c. pp. 81 [3] : text illust.* 8⁰. *Basel*, 1900.

Ursprung (A.) Die physikalischen Eigenschaften der Laubblätter, *&c. pp. 120 : 9 pls. (col.), text illust. See* Bibliotheca Botanica, *&c.* Hft. lx. 4⁰. 1903.

URSUA (Pedro de) The expedition of P. de Ursua & L. de Aguirre in search of El Dorado and Omagua in 1560–1, *&c. See* Hakluyt Society. Works, *&c.* No. 28. 8⁰. 1861.

URUGUAY, *Republic of.*
Origin of the auriferous region of Tacuarembo. Catalogue of Minerals exhibited, *&c.* 2 Pt. *See* London.—*International Exhibition of Mining and Metallurgy, 1890.* 8⁰. 1890.

Uruguay, *Republic of.* [*Maps.*]
Mapa de la República Oriental del Uruguay [Scale 1 in. = 11 m. about. There are inset plans of Montevideo, *&c.*] 2 sh. *Montevideo*, 1884.

Uruguay, *Republic of.* [*Maps.*]
Mapa de la República Oriental del Uruguay. Escala 1 : 1,806,105 [*i.e.* 1 in. = 28½ m. about.] *See* London.—*International Exhibition of Mining and Metallurgy, 1890.* Republic of Uruguay. Pt. II. 8⁰. 1890.

URVILLE (Jules Sébastien César Dumont d') *See* Dumont d'Urville.

URZĘDOW (Marcin) Herbarz Polski, to iest o przyrodzeniv zioł y drzew rozmaitych, y innych rzeczy do lekarztw należących, ksiegi dwoie. [Polish Herbal : *i.e.* two books on the nature of the various Herbs, Trees and other things connected with Pharmacy.] *pp. [vi,] 488.* fol. *Krakowie*, 1595.

USHER (Alfred) Map of British Honduras, *&c.* [Scale 1 in. = 6 m. about.] *See* Honduras, *British.* [*Maps.*] s.sh. 1888.

USHER (William) Geology and Palæontology, in connection with Human origins. *See* Nott (J. C.) & Gliddon (G. R.) Types of Mankind . . . Eighth edition.
4⁰. 1857.

—— Tenth edition. 4⁰. 1871.

USKOV (Nikolaĭ Vasil'evich) [1849–] Die Blutgefässkeime und deren Entwickelung bei einem Hühnerembryo. *pp. 48 : 2 pls. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xxxv, no. 4. 4⁰. 1887.

USLAR (Johann Julius von) [1762–1838] Fragmente neuerer Pflanzenkunde. *pp. 188.*
8⁰. *Braunschweig*, 1794.

USLAR (Justus Ludewig von) Ueber einige Mineral-Reichthümer der Cimbrischen Halb-Insel zwischen der Elbe und dem Limfiord. *pp. iv, 60.* 8⁰. *Hamburg*, 1847.

Uslar (Justus L. von) [Die Bodenvergiftung durch die Wurzel-Ausscheidungen der Pflanzen als vorzüglichster Grund für die Pflanzen-Wechsel-Wirthschaft. 8⁰. *Altona*, 1844.]

Wanting.

—— [Another edition entitled:] Die Wurzeln der Pflanzen, oder die Bodenvergiftung . . . Zweite Ausgabe. *pp. 161.* 8⁰. *Hamburg*, 1852.

USOV (Mīkhaīl Mīkhaĭlovīch) [1845–] Prībavleniya k poznaniyu Orghanīzatziī Obolochnikov. [Contributions to a knowledge of the Organization of the *Tunicata.*] *pp. 62 : 9 pls. See* Moscow.—Īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. xviii, vuip. 2. 4⁰. 1876.

Usov (M. M.) Nablyudeniya nad Razvītiem Gholovonoghīkh Mollyuskov (Cephalopoda, Cuv.). [Observations upon the development of the Cephalopoda.] *pp. 46 : 5 pls., text illust. See* Moscow.—Īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. xxxii, vuip. 1. 4⁰. 1879.

Usov (M. M.) *Polypodium hydriforme* novaya forma pryesnovodnuikh tzëlenterat. [*P. hydriforme*, a new form of freshwater Cœlenterate.] *See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xiv. [No. 6.] 8⁰. 1885.

Usov (M. M.) Dobavochnuiya dolī spīnnagho mozgha kostīstuikh ruib. (Lobi accessorii, Aut.)—Ueber den Bau der Sog. Lobi accessorii des Rückenmarks einiger Knochenfische. *pp. 69 : 4 pls. See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xv. [No. 3.] 8⁰. 1886.

USSHER (Richard John) [Birds of Clare Island.] *pp. 54 : 5 pls. See* Royal Irish Academy. Proceedings, *&c.* Vol. xxxi. Clare Island Survey. Pt. 20. 8⁰. 1912.

Ussher (R. J.) & **Warren** (R.) The Birds of Ireland . . . Including an Introduction and Tables showing the Distribution of Birds in the Breeding season. *pp. xxxi [i,] 419 : 7 pls. (1 col.), 2 maps, text illust.* 8⁰. *London*, 1900.

USSHER (William Augustus Edmond) [1849–] The Post-Tertiary Geology of Cornwall. *pp. 59 : 1 pl. col., text illust.* 8⁰. *Hertford*, 1879.

Ussher (W. A. E.) [Geology of Dartmoor.] *See* Rowe (S.) A perambulation of the . . . Forest of Dartmoor . . . Third edition, *&c.* 8⁰. 1896 [*i.e.* 1895].

Ussher (W. A. E.) The Culm-Measure types of Great Britain, *&c. pp. 32 : 1 pl., 1 map geol. col.* 8⁰. *London & Newcastle-upon-Tyne*, 1901.

Trans. Instit. Mining Engineers.

Ussher (W. A. E.) [For official publications in connection with Memoirs illustrating the Map] *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.*

USSING (Niels Viggo) [1864–1911] Mineralproduktionen i Danmark ved . . . 1900 . . . samt "Résumé en Français." *pp. [vi,] 118 : 1 map (col.) See* Denmark.—*Danmarks geologiske Undersøgelse.* [Memoirs.] II Række, no. 12. 8⁰. 1902.

Ussing (N. V.) Danmarks Geologi i almenfatteligt Omrids . . . Anden Udgave. *pp. [iv,] 358 [1] : 1 pl. col., 2 maps geol. col., text illust. See* Denmark.—*Danmarks geologiske Undersøgelse.* [Oversigt.] III Række, no. 2. 8⁰. 1904.

Ussing (N. V.) Dänemark. *See* Steinmann (J. H. C. G. G.) Handbuch der Regional Geologie, *&c.* Bd. i, abth. 2. 8⁰. 1910.

Ussing (N. V.) Geology of the country around Julianehaab, Greenland. (Beretning om den geologiske Ekspedition til Julianehaab Distrikt i Sommeren 1900.) *pp. xi, 426 : 15 pls. (col.), 4 maps (col.), text illust. See* Denmark.—*Commissionen for Ledelsen af de Geologiske og Geographiske Undersøgelser i Grønland.* Meddelelser om Grønland, *&c.* Bd. xxxviii. 8⁰. 1912.

—— [Preprint.] 8⁰. *Kjøbenhavn*, 1911.

USSOW (M. M.) *See* Usov.

USTERI (Alfred) Flora der Umgebung der Stadt São Paulo, in Brasilien. *pp. [iv,] 271 : 1 pl. col., 1 map col., text illust.* 8⁰. *Jena*, 1911.

USTERI (Paul) [1768–1831] *See* Botanisches Magazin (Magazin für die Botanik. Herausgegeben von . . . P. Usteri). Bd. i–iv. 8⁰. 1787 (–90).

Succeeded by the following:—

See Annalen der Botanick. Herausgegeben von . . . P. Usteri. Stück i–xxiv. 8⁰. 1791–1800.

Usteri (P.) Delectus opusculorum botanicorum, *&c.* 2 Vol. *illust.* 8⁰. *Argentorati*, 1790–93.

Vol. i.

No. 1. Dissertatio botanica de Hippuride, quam . . . præside . . . C. N. Hellenio . . . submittit C. R. Brander . . . Aboæ. 1786.
,, 2. Arbor Toxicaria Macassariensis, quam . . . præside C. P. Thunberg . . . subjicit . . . C. Æimelæus . . . Upsaliæ. 1788.
,, 3. Restio, quem dissertatione botanica . . . præside C. P. Thunberg . . . subjicit P. Lundmark . . . Upsaliæ. 1788.
,, 4. Observationes botanico-medicæ, quas . . . submittit W. de La Chenal . . . respondente . . . D. Wolleb . . . Basileæ. 1776.
,, 5. Dissertatio botanica de Evonymo, quam . . . præside . . . C. N. Hellenio . . . tradit C. Ascholin . . . Aboæ. 1786.
,, 6. Specimen Calendarii Floræ et Faunæ Aboënsis, quod . . . præside . . . C. N. Hellenio . . . sistit J. G. Justander . . . Aboæ. 1786.
,, 7. *Ficus* genus. Dissertatione botanica . . . præside C. P. Thunberg . . . subjicit E. Gedner . . . Upsaliæ. 1786.
,, 8. Animadversiones in structuram ac figuram foliorum in Plantis . . . submittit M. J. E. Pohl . . . respondente N. G. Leske . . . Lipsiæ. 1771.
,, 9. P. Hotton . . . Sermo academicus, quo rei herbariæ historia et fata adumbrantur . . . Lugduni Batavorum. 1695.
,, 10. J. P. Nonne . . Quædam de Plantis nothis occasione spicæ Tritici, cui Avenæ fatuæ aliquot semina innata erant, commentatur. Erfordiæ. 1765.
,, 11. Specimen inaugurale botanico-medicum sistens præcipuas Plantas in M. Transsilvaniæ principatu sponte et sine cultura-provenientes, ac ibidem usu receptas, quod . . . submittit J. Balog . . . Lugduni Batavorum. 1779.
,, 12. Flore Gœttingensis specimen sistens vegetabilia saxo calcareo propria. Dissertatio inauguralis botanica, quam . . . submittit H. F. Link . . . Gœttingæ. 1789.

Vol. ii.

No. 13. Dissertatio botanica de Erica, quam . . . præside C. P. Thunberg . . . subjicit J. B. Struve . . . Upsaliæ. 1785.
,, 14. Disputatio physica observationum botanicarum specimen continens . . . Defendit J. F. Eschenbach . . . cum J. G. Linckio . . . Lipsiæ. 1784.
,, 15. Exercitationem litterariam de J. Langii . . . præside P. I. Hartmanno . . . defendit E. G. Mentzel . . . Traiecti ad Viadrum. 1774.
,, 16. C. L. L'Heritier . . . Cornus specimen botanicum sistens descriptiones et icones specierum corni minus cognitarum. Parisiis. 1788.
,, 17. Dissertatio inauguralis historico-naturalis medica de iis quæ generationem Animalis vel Plantæ concernunt, quam . . . submittit . . . J. Mayer . . . Pragæ. 1775.
,, 18. Duæ Plantæ Africanæ descriptæ a C. L. Willdenow . . . (Ineditum.) 1793.
,, 19. Specimen ii. observationum botanicarum (anatomicarum atque physiologicarum), quod . . submittit A. Mieg . . . respondente . . . M. Mieg . . . Basileæ. 1776.
,, 20. Plantæ Virgilianæ cum recentiorum synonymis. Auctore F. de P. Schrank ad D. P. Usteri. (Ineditum.) 1793.
,, 21. Flora Lithuanica inchoata seu enumeratio Plantarum quas circa Grodnam collegit et determinavit J. E. Gilibert. 1785.
,, 22. Commentatio botanica de ordinibus naturalibus Plantarum, quam . . . offert J. P. Rüling . . . Goettingæ. 1766.

USTICA. Ustica. [By Ludwig Salvator, Archduke of Austria.] *pp. xii, 132 : 58 pls., 2 maps col.* 4⁰. *Prag*, 1898.

UTAH. [*Maps.*] Map of the Great Salt Lake and adjacent country in the territory of Utah. Surveyed in 1849 and 1850 . . . by Capt. H. Stansbury, *&c.* Scale 1 : 240,000 [*i.e.* 1 in. = 3¾ m. about]. *See* STANSBURY (H.) An expedition to the Valley of the Great Salt Lake of Utah, *&c.* s.sh. 1852.

UTHEMANN (A.) Die Braunkohlen-Lagerstätten am Meisner, am Hirschberg und am Stellberg mit besonderer Berücksichtigung der Durchbruchs- und Contact-Einwirkungen, welche die Basalte auf die Braunkohlenflötze ausgeübt haben. *pp. 54 : 3 pls. (2 col.), 3 maps geol. col., text illust. See* PRUSSIA.—KOENIGLICH-PREUSSISCHE GEOLOGISCHE LANDESANSTALT, *&c.* Abhandlungen, *&c.* Neue Folge, hft. 7. 8⁰. 1892.

UTRECHT.—*Hortus Rheno-Trajectinus.* *See* infra, RIJKS-UNIVERSITEIT.

UTRECHT.—Academia Rheno-Trajectina. *See* infra, RIJKS-UNIVERSITEIT.

UTRECHT.—Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen. Natuurkundige Verhandelingen, *&c.* Deel I–II, stuk 2.† 4⁰. *Utrecht*, 1862–70.

Each part contains a separately-paged Memoir.

Utrecht.—Provinciaal Utrechtsch Genootschap van Kunsten en Wetenschappen. Verhandeling over de Eindoorzaken, door J. van der Hoeven . . . uitgegeven door het . . . Genootschap. (J. van der Hoeven, Disputatio de causarum finalium doctrina ejusque in zoologia usu.) *See* HOEVEN (J. VAN DER). 8⁰. 1822–24.

UTRECHT.—Rijks-Universiteit.

[1634 Founded as *Academia Rheno-Trajectina.*
1815 *Rijks-Universiteit.*]

Annales, *&c.* Ann. 1815–6—1835–7. 22 Vol. 8⁰. *Traiecti ad Rhenum*, 1817–37.

After 1817 the "Responsiones" were separately paged.
For continuation, *See* LEYDEN.—RIJKS UNIVERSITEIT. Annales Academici.

Utrecht.—Rijks-Universiteit. Horti Ultraiectini Index. *See* WACHENDORFF (E. J. VAN). 8⁰. 1747.

Utrecht.—Rijks-Universiteit. Index Plantarum quæ in Horto Rheno-Trajectino coluntur, anno 1822. *See* KOPS (J.) 8⁰. 1823.

Utrecht.—Rijks-Universiteit. Le Musée et le Laboratoire de Zoologie de l'Université d'Utrecht. *See* PLEYTE (W.) *& others.* Guide Zoologique, *&c.* 8⁰. 1895.

UZEL (JINDŘICH) Monographie der Ordnung Thysanoptera, *&c.*—Monografie řádu "Thysanoptera," *&c. pp. 472 [9] : 10 pls., text illust.* HUNG. & GERM. 4⁰. *Königrätz*, 1895.

Uzel (J.) Studien über die Entwicklung der Apterygoten Insecten. *pp. v, [i,] 58 : 6 pls. (col.), text illust.* 4⁰. *Königrätz*, 1898.

UZIELLI (GUSTAVO) [1839–] Studi di Cristallografia teorica. *pp. 56.* 4⁰. *Roma*, 1877.

Atti R. Accad. Lincei Roma. Ser. III, (Mem.) vol. I.

Uzielli (G.) G. Uzielli . . . Le commozioni telluriche e il terremoto del 23 Febbraio 1887. Tre conferenze, *&c. pp. 116 : 2 maps.* 8⁰. *Torino*, 1887.

V., J. Traicté du Tabac . . . mis de nouveau en François, par J. V. [*i.e.* Jacques Veyras], *&c. See* NEANDER (J.) 8⁰. 1626.

VACA (ALVAR NUÑEZ CABEZA DE) *See* NUÑEZ CABEZA DE VACCA.

VACCARI (LINO) [1873–] Fam. Gentianaceæ. *See* FIORI (A.) & PAOLETTI (G.) Flora Analitica d'Italia, *&c.* Vol. II, pt. 3. 8⁰. 1902.

VAČEK (MICHAEL) [1848–] Ueber Oesterreichische Mastodonten und ihre Beziehungen zu den Mastodonarten Europas. *pp. 45 : 7 pls. See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. VII, hft. 4. 4⁰. 1877.

Vaček (M.) Ueber die Fauna der Oolithe von Cap S. Vigilio verbunden mit einer Studie über die obere Liasgrenze. *pp. 156 : 20 pls., text illus. See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. XII, hft. 3. 4⁰. 1886.

VACHAL (JOSEPH) [–1911] *Halictus* nouveaux de la collection Medina. *pp. 4. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XXIV. 8⁰. 1895.

VACHON (MARIUS) [1850–] Rapport sur les Musées et les Écoles d'Art industriel en Angleterre. *See* FRANCE.—*Ministère de l'Instruction publique, &c.* 4⁰. 1890.

VADÁSZ (M. ELEMÉR) [1885–] A Nagyküküllőmegyei Alsórákos alsó-Liaskorú Faunája. *pp. 91 : 6 pls., text illust.*—Die unterliassische Fauna von Alsórákos im Komitat Nagyküküllő. *pp. 100 : 6 pls., text illust. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XVI, füz. 5. 8⁰. 1908.

Vadász (M. E.) A Duna-balparti idősebb rögök Őslénytani és földtani viszonyai. *pp. 73 : 1 pl., text illust.*—Die paläontologischen und geologischen Verhältnisse der älteren Schollen am linken Donauufer. *pp. 81 : 1 pl., text illust. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XVIII, füz. 2. 8⁰. 1910, 11.

Vadász (M. E.) Őslénytani adatok Belső-Ázsiából, *&c. pp. 55 : 3 pls., 1 map.*—Paläontologische Studien aus Zentralasien, *&c. pp. 61 : 3 pls., 1 map. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XIX, füz. 2. 8⁰. 1911.

Vadász (M. E.) Triasforaminiferen aus dem Bakony. *pp. 44 : 2 pls. See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1, Anhang : Palaeontologie der Umgebung des Balatonsees. Bd. I, no. 1. 4⁰. 1911.

Vadász (M. E.) Die Juraschichten des südlichen Bakony. *pp. 88 [1], 2 pls., text illust. See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. II [*i.e.* thl. 1], Anhang : Palaeontologie der Umgebung des Balatonsees. Bd. III. 4⁰. 1911.

VAEZ DE TORRES (LOUIS) *See* TORRES.

VAFFIER (ADOLPH) [1851–] Étude géologique et paléontologique du Carbonifère inférieur du Mâconnais. *pp. 166 : 12 pls. See* LYONS.—UNIVERSITÉ. Annales, *&c.* Nouvelle Série, Fasc. 7. 8⁰. 1901.

VAGETĪUS (JOANNES) I. Iungii . . . Isagoge Phytoscopica . . . recensente I. Vagetio. *See* JUNG (J.) 4⁰. [1678 ?]

VAGHNER (VLADĪMIR ALEXSANDROVĪCH) [1849–] Nablyudeniya nad Araneina. [Observations on the Araneina.] *pp. 239 : 2 pls. See* ST. PETERSBURG.—SANKTPETERBURGHSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Trudui, *&c.* Tom. XXI, vuip 1, Otdyel. Zool. ĭ Fiziol. 8⁰. 1890.

Vaghner (V. A.) L'industrie des Araneina. Description systématique des constructions des Araignées de la région médiane de la Russie . . . Classification des Araignées, *&c. pp. viii, 269 : 10 pls. (col.) See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XLII, no. 11. 4⁰. 1894.

Vaghner (V. A.) Spīsok ĭ opīsanie kollektziĭ po biologhiĭ Paukov. [List and description of the collection relating to the biology of Spiders.] *See* WARSAW.—IMPERATORSKIĬ VARSHAVSKIĬ UNĪVERSĪTET. Kollektziĭ zoologhīcheskagho kabīneta . . . Unīversīteta. IV. 4⁰. 1895.

Vaghner (V. A.) Ghorodskaya Lastochka (*Chelidon urbica*) eya īndustriya ĭ zhīzn, *&c.* [The Town Swallow (*Chelidon urbica*), its nidification and life, *&c.*] *pp. [viii,] 125 : 7 pls., text illust.* RUSS. with FR. résumé. *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. X, no. 6. 4⁰. 1900.

Vaghner (V. A.) Psycho-biologische Untersuchungen an Hummeln, mit Bezugnahme auf die Frage der Geselligkeit im Tierreiche. *pp. iii, 239 : 1 pl. col., text illust. See* ZOOLOGICA, *&c.* Bd. XIX, hft. 46. 4⁰. 1907.

VAHL (JENS LORENTIUS MOESTUE) [1796–1854] List des Plantes que l'on suppose exister en Islande, dressé par M. Vahl. *See* FRANCE.—*Commission Scientifique d'Islande, &c.* Voyage en Island, *&c.* Minéralogie, *&c.* Pt. 2. 8⁰. [1841.]

Vahl (J. L. M.) Icones Plantarum sponte nascentium in Regno Daniæ . . . editæ a J. Vahl. Fasc. XL (Vol. XIV). *See* OEDER (G. C.) fol. 1843.

Vahl (J. L. M.) Symbolæ Caricologicæ ad synonymiam Caricum extricandam stabiliendamque et affinitates naturales eruendas, *&c.* [Edited, with a preface, by J. L. M. Vahl.] *See* DREJER (S. T. N.) fol. 1844.

VAHL (MARTIN) [1869–] Madeiras Vegetation. Geografisk Monografi. *pp. [iv,] 172 [2] : 1 pl.* 8⁰. *København & Kristiania*, 1904.

Vahl (MARTIN) The Œcology of Plants : an introduction to the study of Plant-Communities, by E. Warming . . . Assisted by M. Vahl, *&c. See* WARMING (J. E. B.) 8⁰. 1909.

VAHL (MARTIN HENDRIKSEN) [1749–1804] Icones Plantarum sponte nascentium in regnis Daniæ . . . edidit M. Vahl, *&c.* Fasc. 16–21 (Vol. VI & VII). *See* OEDER (G. C.) fol. 1787–99.

Vahl (MARTIN H.) Vom Geschlechte *Cinchona* und dessen Arten. *pp. 23 : 4 pls.* 8⁰. [*Copenhagen*, 1790.]
Skrifter Naturh.-Selsk. Kjøbenhavn. Bd. I.

Vahl (MARTIN H.) A description of the genus *Cinchona* . . . to which is prefixed Prof. Vahl's Dissertation on this genus, *&c. See* LAMBERT (A. B.) 4⁰. 1797.

Vahl (MARTIN H.) Symbolæ Botanicæ, sive Plantarum, tam earum quas in itinere inprimis orientali collegit P. Forskål, quam aliarum, recentius detectarum, exactiores descriptiones nec non observationes circa quasdam Plantas dudum cognitas. 3 Pt. [in 1 Vol.] fol. *Hauniæ*, 1790–94.

Vahl (MARTIN H.) Eclogæ Americanæ, seu descriptiones Plantarum præsertim Americæ meridionalis nondum cognitarum . . . Fasciculus primus (—tertius), *&c. pp. [viii,] 58.* Atlas, *30 pls.* fol. *Hauniæ*, 1796–1807.

Icones illustrationi Plantarum Americanarum in eclogis descriptarum inservientes . . . Decas prima (—tertia). *30 pls.* fol. *Hauniæ*, 1798–99.

Vahl (MARTIN H.) M. Vahlii . . . Enumeratio Plantarum, vel ab aliis, vel ab ipso observatarum, cum earum differentiis specificis, synonymis selectis et descriptionibus succinctis. 2 Vol. 8⁰. *Hauniæ (& Lipsiæ)*, [1804–] 1805–06.

Vahl (MARTIN H.) Zoologia Danica . . . Volumen quartum . . . descripserunt et tabulas dederunt P. C. Abildgaard, M. Vahl, *&c. See* MÜLLER (O. F.) fol. 1806.

VAIL (ANNA MURRAY) *Miss.* [1863–] An enumeration of the Plants collected by . . . T. Morong in Paraguay, 1888–1890. By T. Morong and N. L. Britton, with the assistance of Miss A. M. Vail. *See* MORONG (T.) & BRITTON (N. L.) 8⁰. [1892–93.]

Vail (A. M.) *Miss.* Mutants and Hybrids of the Œnotheras. By D. T. Macdougal, assisted by A. M. Vail, *&c. See* MACDOUGAL (D. T.) 8⁰. 1905.

Vail (A. M.) *Miss* & **Rydberg** (P. A.) Zygophyllaceæ. *See* NEW YORK, *City of.—New York Botanic Garden.* North American Flora. Vol. XXV, pt. 2. 8⁰. 1910.

VAILLANT (AUGUSTE NICOLAS) [1793–1858] Voyage autour du Monde exécuté pendant . . . 1836–37 sur . . . la Bonite commandée par M. Vaillant, *&c.* 15 Vol. [in 11] & Atlas, 3 Vol. *See* FRANCE. [*Voyages, &c.—Bonite.*] 8⁰. & fol. 1840–66.

VAILLANT (FRANÇOIS LE) *See* LEVAILLANT.

VAILLANT (LÉON) [1834–] De la fécondation dans les Cryptogames. Thèse, *&c. pp. [iv,] 134 : 2 pls.* 8⁰. *Paris*, 1863.

Vaillant (L.) Recherches sur la famille des Tridacnides. *pp. [iv,] 108 : 5 pls. (col.)* 4⁰. *Paris*, 1865.
Ann. Sci. Nat. Zool. Sér. V, tom. IV.

Vaillant (L.) Note sur l'anatomie de deux espèces du genre *Perichœta*, et essai de classification des Annélides Lombricines. *pp. 31 : 1 pl.* 4⁰. *Montpellier*, 1869.
Mém. Acad. Sci. & Lett. Montpellier. Tom. VII.

Vaillant (L.) Contribution à l'étude anatomique du genre Pontobdelle. *pp. 71 : 3 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. V, tom. XIII, no. 5. 8⁰. 1870.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. II, no. 4. 8⁰. 1870.

Vaillant (L.) Notice sur la Vie et les Travaux de M. Sars. *pp. 36.* 8⁰. (*Paris,*) [1870.]

Vaillant (L.) Études zoologiques sur les Crocodiliens fossiles tertiaires de Saint-Gérand le Puy. *pp. 58 : 5 pls. See* ANNALES DES SCIENCES GÉOLOGIQUES, *&c.* Tom. III, no. 1. 8⁰. 1872.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. VI, no. 4. 8⁰. 1872.

Vaillant (L.) Remarques sur les Lézards de l'Ambre et description d'un Geckotien de la résine copale (*Hemidactylus capensis*, Smith). *pp. 14 : 1 pl. See* ANNALES DES SCIENCES GÉOLOGIQUES, *&c.* Tom. VI, no. 7. 8⁰. 1875.

Vaillant (L.) Note sur un crocodilien nouveau de Chine, l'*Alligator Sinensis*, Fauvel. [*1 p.*] *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. IX, no. 8. 8⁰. 1879.

Vaillant (L.) Mémoire sur la disposition des vertèbres cervicales chez les Chéloniens. *pp. 106 : 7 pls.* *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. X, no. 7. 8⁰. 1879.

Vaillant (L.) Reptiles et Batraciens. *See* RÉVOIL (G.) Faune et Flore des Pays Çomalis (Afrique Orientale). 8⁰. 1882.

Vaillant (L.) Remarques sur les affinités naturelles des familles composant le sous-ordre des Poissons Malacoptérygiens abdominaux. *pp. 13.* *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XV, no. 7. 8⁰. 1883.

Vaillant (L.) Poissons. *See* FRANCE. [*Voyages, &c. —Travailleur & Talisman.*] Expéditions scientifiques du Travailleur et du Talisman pendant . . . 1880–83, *&c.* 4⁰. 1888.

Vaillant (L.) [Fish from Tierra del Fuego.] *See* FRANCE. [*Voyages, &c. — Cap Horn.*] Mission scientifique du Cap Horn. 1882–1883. Tom. VI, pt. 1. 4⁰. 1888.

Vaillant (L.) Histoire naturelle des Lombriciniens, Hirudiniens, Bdellomorphes, Térétulariens et Planariens. (Appendice. Vermes dubii : Orthonectida, Enteropneusti.) *See* QUATREFAGES DE BRÉAU (L. J. A. DE) Histoire Naturelle des Annelés marins et d'eau douce. Vol. III. 8⁰. 1889-90.

Vaillant (L.) Les Tortues éteintes de l'Île Rodriguez, d'après les pièces conservées dans les galeries du Muséum. *See* PARIS.—MUSÉUM D'HISTOIRE NATURELLE. Centenaire de la fondation du Muséum, *&c.* 4⁰. 1893.

Vaillant (L.) Sur les Poissons des eaux douces de Bornéo. *See* WHITEHEAD (J.) Exploration of Mount Kina Balu, North Borneo. Appendix 6. 4⁰. 1893.

Vaillant (L.) Liste des Poissons recueillis par la *Manche* dans l'Océan glacial arctique. *See* JAN-MAYEN. Voyage de "La Manche" à l'île de Jan-Mayen . . . 1892. No. 11. 8⁰. 1894.

Vaillant (L.) [Fish from Indo-China.] *See* PAVIE (A.) Mission Pavie Indo-Chine, *&c.* 4⁰. 1904.

Vaillant (L.) & **Bocourt** (F.) Études sur les Poissons. *See* FRANCE. [*Voyages, &c.—Mexico.*] Mission scientifique au Mexique . . . Recherches Zoologiques, *&c.* Pt. 4. 4⁰. 1874–83.

Vaillant (L.) & **Grandidier** (G.) Histoire naturelle des Reptiles, *&c.* Pt. I→ *See* GRANDIDIER (A.) Histoire . . . naturelle . . . de Madagascar, *&c.* Vol. XVII→ 4⁰. 1910→

Vaillant (L.) Notice sur les travaux scientifiques de M. L. Vaillant. *pp. 20.* 4⁰. *Montpellier*, 1868.

VAILLANT (SÉBASTIEN) [1669–1722] Discours sur la Structure des Fleurs . . . et l'établissement de trois nouveaux genres de Plantes l'*Araliastrum*, la *Sherardia*, la *Boerhaavia*. Avec la description de deux genres nouvelles Plantes rapportées au dernier genre, *&c.* (Sermo de Structura Florum, *&c.*) *pp. 55.* 4⁰. *Leide*, 1718.

French and Latin on opposite pages.
The description of the genus *Araliastrum* was published early in 1718 in the "Philosophical Transactions" of the Royal Society of London, and afterwards in the "Ephemerides" of the "Acad. Cæs. Leop.-Carol. Nat. Cur." Cent. VII & VIII, Append. 1719.

Vaillant (S.) S. Vaillant . . . Botanicon Parisiense. Operis majoris proditurí prodromus. [Edited with a preface by H. Boerhaave.] *pp.* [*x,*] *131.* 8⁰. *Lugduni Batavorum*, 1723.

—— Editio nova, *&c.* *pp.* [*x,*] *131.* 8⁰. *Lugduni Batavorum & Parisiis*, 1743.

Vaillant (S.) Botanicon Parisiense, ou dénombrement par ordre alphabétique des Plantes, qui se trouvent aux environs de Paris, *&c.* [Edited with a dedication and a life of Vaillant by H. Boerhaave.] *pp.* [*xxxiv,*] *205 : 33 pls., with descriptive letterpress, 1 port., 1 map.* fol. *Leide & Amsterdam*, 1727.

Some of the plates were subsequently reproduced in Gilibert's "Exercitia Phytologica," and afterwards in his editions of the "Démonstrations élémentaires de Botanique." [*q.v.*]

Revue de la Flore Parisienne, suivie du texte du Botanicon Parisiense de Vaillant avec les noms Linnéens en regard, *&c.* *See* MÉRAT (F. V.) 8⁰. 1843.

Concordance des figures de Plantes Cryptogames de . . . Vaillant [Botanicon Parisiense] . . . avec la Nomenclature de De Candolle, Smith, *&c.* *See* LE TURQUIER DE LONGCHAMP (J. A.) & LEVIEUX (J. B. P.) 8⁰. 1820.

Vaillant (S.) [Figures of European Mosses.] *See* BOTANY. Démonstrations élémentaires de Botanique . . . Quatrième édition, *&c.* Atlas, Tom. II. 4⁰. 1796.

VAL (PIERRE DU) *See* DUVAL.

VÁLA (JOS.) & **Helmhacker** (R.) Das Eisensteinvorkommen in der Gegend zwischen Prag und Beraun. *See* PRAGUE.—BEIDE COMITÉS FUER DIE LANDESDURCHFORSCHUNG VON BOEHMEN. Archiv, *&c.* Bd. II, thl. 1. 8⁰. 1877.

VALAIS.—La Murithienne, Société Valaisanne des Sciences naturelles.

[1861 Founded as *Société Murithienne du Valais.*
1884 *La Murithienne, Société Valaisanne des Sciences naturelles.*]

Bulletin, *&c.* Fasc. I→ 8⁰. *Aigle*, *&c.*, 1868→

Valais.—La Murithienne, Soc. Valaisanne, *&c.* Guide du Botaniste sur le Grand St.-Bernard, *&c.* *See* TISSIÈRE (P. G.) 8⁰. 1868.

Valais.—La Murithienne, Soc. Valaisanne, *&c.* Guide du Botaniste sur le Simplon, *&c.* *See* FAVRE (E.) 8⁰. 1875.

Valais.—La Murithienne, Soc. Valaisanne, *&c.* Les Stations botaniques du Valais. *pp. 27.* 8⁰. *Bex*, 1890.
Bull. Murith. Fasc. XVI–XVIII.

VALAIS. [*Maps.*] Karte des Clubgebietes im Wallis . . . 1 : 50,000 [*i.e.* 1 m. = 1¼ in. about]. s.sh. *Bern*, 1868.

VALCARENGHI (PAOLO) [–1780] In Ebenbitar tractatum de Malis Limoniis Commentaria. *pp. xxxii, 232.* 8⁰. *Cremonæ*, 1758.

VALCKENIER SURINGAR (J.) *See* SURINGAR.

VALDAU (G.) Insekter insamlade på Kamarun-Berget af G. Valdau och K. Knutson, *&c.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XII, afd. IV, no. 1. 8⁰. 1886.

VALDES (NICOLAS) Descripcion y resistencia de las Maderas de construccion de las Islas Filipinas, *&c.* *pp. 30.* 8⁰. *Manila*, 1858.

VALENCIENNES (Achille) [1794–1865] [Article on *Terebratula.*] *See* Lamarck (J. B. P. A. de M. de) Histoire naturelle des Animaux sans vertèbres, *&c.* Tom. vi. 8⁰. 1819.

Valenciennes (A.) Coquilles . . . de l'Amérique Équinoxiale, *&c.*—Nouvelles observations sur le Capitan de Bogota, *Eremophilus Mutisii, &c.* *See* Humboldt (F. H. A. von) *Baron* & Bonpland (A. J. A.) Voyage aux Régions Équinoxiales du Nouveau Continent, *&c.* Pt. ii. Recueil d'observations de Zoologie, *&c.* Vol. ii, no. 5–8 & 10. 4⁰. [1821–] 1833.

Valenciennes (A.) *See* Dictionaries. Dictionnaire des Sciences naturelles, *&c.* Tom. xxxv–lx. 8⁰. 1825–30.

Valenciennes (A.) [Descriptions of Fishes collected during Bélanger's voyage to the East Indies, *&c.*] *See* France. [*Voyages, &c.—Indes Orientales.*] Voyage aux Indes-Orientales, *&c.* Zoologie. 8⁰. & fol. 1834 [*i.e.* 1832].

Valenciennes (A.) Ichthyologie des Îles Canaries, *&c.* *See* Webb (P. B.) & Berthelot (S.) Histoire naturelle des Îles Canaries, *&c.* Tom. ii, pt. 2. 4⁰. 1836–44.

Valenciennes (A.) Les Poissons. *See* Cuvier (G. L. C. F. D.) *Baron.* Le Règne Animal . . . [Third] Édition . . . par . . . Audouin, *&c.* Vol. iv. 4⁰. [1836–49.]

Valenciennes (A.) Dictionnaire universel d'Histoire naturelle . . . par MM. Arago . . . Valenciennes, *&c.* 16 Vol. *illust.* (*col.*) *See* Orbigny (A. C. V. D. d'). 8⁰. [1839–] 1849.

—— [Another issue.] 8⁰. 1861.

—— Nouvelle édition, *&c.* 17 Vol. *illust.* (*col.*) 8⁰. [1867 ?]

Valenciennes (A.) [For determinations of Fishes collected] *See* France. [*Voyages, &c.—Bonite.*] Voyage autour du monde . . . sur . . . la Bonite, *&c.* Zoologie. Tom. i. 8⁰. [1842.]

Valenciennes (A.) Illustrations Conchyliologiques. *Panopea, &c.* *See* Chenu (J. C.) fol. 1843–53.

Valenciennes (A.) Ichthyologie. *See* France. [*Voyages, &c.—Vénus.*] Voyage autour du monde sur . . . la Vénus, pendant . . . 1836–1839, *&c.* Zoologie. 8⁰. & fol. 1846–1855.

Valenciennes (A.) [Fishes of South America.] *See* France. [*Voyages, &c.—Amérique Méridionale.*] Voyage dans l'Amérique méridionale, *&c.* Tom. v, pt. 2. 4⁰. 1847.

Valenciennes (A.) & **Cuvier** (G. L. C. F. D.) *Baron.* Histoire naturelle des Poissons. *See* Cuvier (G. L. C. F. D.) *Baron* & Valenciennes (A.) 8⁰. 1828–49.

Valenciennes (A.) & **Humboldt** (F. H. A. von) *Baron.* Recherches sur les Poissons fluviatiles de l'Amérique Équinoxiale. *See* Humboldt (F. H. A. von) *Baron* & Bonpland (A. J. A.) Voyage aux Régions Équinoxiales du Nouveau Continent, *&c.* Pt. ii. Recueil d'observations de Zoologie, *&c.* Vol. ii, no. 4. 4⁰. 1833 [*i.e.* 1821.]

VALENTE (Antonio) Recensio Plantarum villa atque horto præsertim botanico F. Caetani ducis comprehensarum, *&c.* *pp. xviii, 167 : 1 port.* 8⁰. *Romæ*, 1803.

VALENTI-SERINI (Francesco) [1795–1872] Dei Funghi sospetti e Velenosi del territorio Senese, *&c.* *pp. xx, 34 : 56 pls. col.* obl. 4⁰. *Torino*, 1868.
Printed in double column.

VALENTIA (George) *Viscount.* *See* Annesley (G.) *Earl of Mountnorris.*

VALENTIJN (François) [1666–1725] Oud en nieuw Oost-Indiën, vervattende een naukeurige en uitvoerige Verhandelinge van Nederlands Mogentheyd in de Gewesten, benevens eene wydluftige Beschryvinge der Moluccos, Amboina . . . en alle de Eylanden onder dezelve Landbestieringen behoorende, *&c.* 5 Dl. [in 8] *illust.* fol. *Dordrecht, Amsterdam*, 1724–26.

—— [Another edition.] Met aanteekeningen, volledige inhouds-registers, chronologische lijsten, enz. Uitgegeven door . . . S. Keijzer. 3 Dl. 8⁰. *'s Gravenhage*, 1856–58.

Valentijn (F.) Verhandeling der Zee-Horenkens en Zee-Gewassen in en omtrent Amboina en de nabygelegene Eilanden . . . dienende tot een vervolg van de Amboinsche Rariteitkamer beschreven door G. E. Rumphius. *pp.* [*viii,*] *70 : 18 pls., 1 port.* fol. *Amsterdam*, 1754.
The letterpress (except the title-page and first sheet) and the plates of this work are identical with those forming Stuk 2 (*pp. 517–586*) of Deel iii of Valentijn's "Oud en niew Oost-Indiën."

Valentijn (F.) F. Valentyns . . . Abhandlung von Schnecken, Muscheln und Seegewächsen, welche um Amboina und den umliegenden Inseln gefunden werden. Als ein Anhang zu G. E. Rumphs Amboinischen Raritätenkammer, *&c.* *pp. viii, 148 : 18 pls.* fol. *Wien*, 1773.

VALENTIN (Gabriel Gustav) [1810–1883] *See* Repertorium fuer Anatomie und Physiologie. Kritische Darstellung, *&c.* 8 Bd. 8⁰. 1836–45.

Valentin (G. G.) Traité de Physiologie . . . avec des additions de MM. . . . Baer . . . Valentin, *&c.* 9 Tom. *See* Burdach (C. F.) 8⁰. 1837–41.

Valentin (G. G.) Anatomie des Échinodermes . . . Anatomie du genre *Echinus.* *See* Agassiz (J. L. R.) Monographies d'Échinodermes, *&c.* 4⁰. 1841.

Valentin (G. G.) Beiträge zur Anatomie des Zitteraales (*Gymnotus electricus*), *&c.* *pp. 74 : 5 pls.* *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Tom. vi. 4⁰. 1842.

VALENTIN (Jean) [1867–1897] Karabagh. Bericht über die im Sommer 1890 im Russischen Karabagh von . . . G. Radde und . . . J. Valentin ausgeführte Reise. Von . . . G. Radde. *pp. 56 : 1 map.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. xxi, no. 100. 4⁰. 1890.

VALENTINE (William) [–1884] & **Howitt** (G.) Muscologia Nottinghamiensis, *&c.* 3 Pt.† *See* Howitt (G.) & Valentine (W.) 8⁰. 1833.

VALENTINI (Christophorus Bernhardus) [1694–1728] Tournefortius contractus, sub forma tabularum sistens Institutiones Rei Herbariæ . . . cum Laboratorio Parisiensi ejusdem autoris. Accedit Materia Medica à P. Hermanno in certas classes charactereristicas redacta, cum duplici schematismo . . . Accurante C. B. Valentini. [With a preface, *&c.*, by M. B. Valentini.] *pp.* [*iv,*] *48* [*4*], *2 tabs. : 4 pls.* fol. *Francofurti ad Mœnum*, 1715.

VALENTINI (Conrad Michael) Macis vulgò, sed perperam, Muscaten-Bluhme dicta, *&c.* *pp. 24 : 1 pl.* 4⁰. *Giessæ*, 1719.

VALENTINI (Michael Bernhard) [1657–1729] Museum Museorum, oder vollständige Schau-Bühne aller Materialien und Specereÿen, nebst deren natürlichen Beschreibung . . . aus andern Material- Kunst- und Naturalien-Kammern, Oost- und West-Indischen Reiss-Beschreibungen . . . verfasset, *&c.* (Unvorgreifflichen Bedencken von Kunst- und Naturalien-Kammern insgemein [by D. B. Major]. — Oost-Indianische Send-Schreiben von allerhand raren Gewächsen, Bäumen, Jubelen auch andern . . . durch . . . D. Cleyern, Rumphen, H. de Jager, ten Rhyne, [Kaempfer,] *&c.* . . . gewechselt und . . . in . . . Teutsche . . . Sprache übersetzet von M. B. Valentini.) *pp.* [*xxii,*] *520 : 7 pls., engr. title, text illust.* (*pp.* [*ii,*] *76 : text illust.—pp.* [*ii,*] *119* [*12*] *: 9 pls.*) 3 Thl. [in 1 Vol.]
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—— [Another edition entitled :] M. B. Valentini . . . Aurifodina Medica e triplici naturæ regno, minerali, vegetabili & animali, seu Historia Simplicium reformata . . . cum India Literata . . . Editio secunda, auctior redita per Accessiones novissimas . . . adjecta est Tabula ichnographica stadii studiique medici. *pp.* [*xviii,*] *664* [*13, 12,*] *1 tab. : 30 pls.* fol. *Giessæ & Francofurti*, 1723.

Wanting the plate (Nuces Myristicæ) to face p. 199.
This is a re-issue of the original sheets of the 1716 edition, with a new title-page and preface, whilst a life of the author in Latin verse, an "Introductio" and "Allegata" have been prefixed, and the "Accessiones novissimæ," with the "Tabula ichnographica," appended.

Valentini (M. B.) Viridarium reformatum, seu regnum vegetabile, das ist : neu-eingerichtetes und vollständiges Kraüter-Buch . . . auch vortreffliche . . . Recepte für allerley Kranckheiten . . . und . . . ein Opus Mago-Cabalisticum eines wahrhafften Adepti (G. A. Sallwigt,) beygefüget, *&c.* 2 Pt. *pp.* [*xviii,*] *583* [*12*] *: 385 pls., text illust.* (*pp.* [*viii,*] *80 : 10 pls.*)
fol. *Franckfurt am Mayn*, 1719.

A made-up copy, containing some manuscript notes.

Valentini (M. B.) M. B. Valentini . . . Armamentarium Naturæ systematicum, seu introductio ad philosophiam modernorum naturalem . . . Accedit Historia Literaria S. R. I. Academiæ naturæ curiosorum, *&c.* (M. B. Valentini prodromus historiæ naturalis Hassiæ, quem anno . . . 1707 sub præsidio autoris, publicæ . . . sistebat J. N. Müllerus.) *pp.* [*xxviii,*] *176* (*152*) *: 14 pls., engr. title, text illust.* (*pp. 38.*) 4⁰. *Gissæ-Hassorum*, 1709.

Valentini (M. B.) Tournefortius Contractus, sub forma tabularum [with a Preface, *&c.*, by M. B. Valentini], *&c.* *See* Valentini (C. B.) fol. 1715.

Valentini (M. B.) Amphitheatrum Zootomicum . . . exhibens historiam Animalium anatomicam e Miscellaneis S. R. I. Academiæ Naturæ Curiosorum, Diariis Societatum Scientiarum Regiarum, Parisiensis, Anglicæ & Prussiacæ, Actis Hafniensibus & Lipsiensibus . . . collectam. Accedit methodus secandi cadav. Humana . . . ut & ars dealbandi ossa pro sceletopœia, cum osteologia, tabulis myologicis, aliisque MSS. Rauianis (Appendix), *&c.* 3 Pt. [in 1 Vol.] *illust.*
fol. *Francofurti ad Mœnum*, 1720.

Printed in double column.

VALENTYN (Frans) *See* Valentijn (François).

VALET (F.) Uebersicht der in der Umgegend von Ulm wildwachsenden phanerogamischen Pflanzen, nebst Angabe der Standorte und Blüthezeit. *pp. 110.*
8⁰. *Ulm*, 1847.

VALETON (Theodoric) [1855–] Plantæ Papuanæ. *pp. 70* [*2*]. *See* Nederlandsch Oost Indië.—*Departement van Landbouw.* Bulletin, *&c.* No. 10. 8⁰. 1907.

Valeton (T.) Beiträge zur Kenntniss der Gattung *Timonius. pp. 60* [*1*]. *See* Nederlandsch Oost Indië. —*Departement van Landbouw.* Bulletin, *&c.* No. 26. 8⁰. 1909.

Valeton (T.) [Rubiaceæ I & II ; Balanophoraceæ I & II ; and Zingiberaceæ from Dutch New Guinea.] *See* Wichmann (C. E. A.) Nova Guinea, *&c.* Vol. VIII, livr. 3, 4 & 5. 4⁰. 1911–1913.

Valeton (T.) & **Koorders** (S. H.) Bijdrage No. 1 (2→) tot de kennis der Boomsoorten van Java . . . Additamenta ad cognitionem Floræ arboreæ Javanicæ . . . Pars I (II→) *See* Koorders (S. H.) & Valeton (T.)
8⁰. 1894→

VALHALLA, *Yacht.* Three Voyages of a Naturalist : being an account of many little-known islands in three oceans visited by the "Valhalla," *&c.* *See* Nicoll (M. J.)
8⁰. 1908.

VALIANTE (R.) Le Cystoseiræ del Golfo di Napoli. *pp.* [*vi,*] *30 : 15 pls. See* Naples.—zoologische station. Fauna und Flora des Golfes von Neapel, *&c.* Monog. VII. 4⁰. 1883.

VALIŠ (Jos.) Předběžný přehled dosud z Moravy známých Myriopodů. [Preliminary notice of the Myriopoda known to occur in Moravia.] *pp. 12. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1904, no. 28.
8⁰. 1905.

VALLA (Georgius) [1430–1499] G. Vallæ . . . de Simplicium natura liber unus. [*pp. 207.*]
8⁰. *Argentinæ* (1528).

VALLAN (Jacob) Disputatio medica inauguralis de Cinnamomo : quam, præside . . . J. Vallan . . . subjicit C. L. Göller, *&c.* *pp. 32.* 4⁰. *Trajecti ad Rhenum* [1709].

VALLANCE (David J.) [For official reports as acting Director] *See* Royal Scottish Museum.

VALLE (Antonio della) La Luce negli Animali . . . Libera dissertazione, *&c.* *pp. 69.* 8⁰. *Napoli*, 1875.

Valle (A. della) Gammarini del Golfo di Napoli. Text, *pp. xi, 948.* Atlas, *pp. [54] : 61 pls. (6 col.)* *See* Naples.—zoologische station. Fauna und Flora des Golfes von Neapel, *&c.* Monog. xx. 4⁰. 1893.

Valle (A. della) Osservazioni su alcune Ascidie del Golfo di Napoli. *pp. 89 : 5 pls. (col.)* *See* Naples.—reale accademia delle scienze, *&c.* Atti, *&c.* Ser. II, vol. xiii, no. 11. 4⁰. 1908.

VALLE (Giovanni Giuseppe La) Commemorazione di G. Seguenza, *&c.* (Discorso commemorativo del Prof. G. La Valle.) *See* Messina.—regia università degli studi. 4⁰. 1892.

Valle (G. G. La) Semplificazione delle Formole Milleriane di Cristallografia. *pp. 15.* *See* Catania.—accademia gioenia di scienze naturali. Atti, *&c.* Ser. IV, vol. vi, mem. 10. 4⁰. 1893.

Valle (G. G. La) Corso di Cristallografia teoretica con applicazione al calcolo dei Cristalli. *pp. 259 : 10 pls.* 8⁰. *Messina*, 1896.

VALLE (Paolo della) Osservazioni di Tetradi in cellule somatiche, *&c.* *pp. 39 : 1 pl., text illust.* *See* Naples.—reale accademia delle scienze, *&c.* Atti, *&c.* Ser. II, vol. xiii, no. 13. 4⁰. 1908.

VALLE (Pietro della) [1586–1652] Extracts from the travels of P. delle Valle in Persia. *See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. ix. 4⁰. 1811.

Valle (Pietro della) The travels of P. della Valle in India . . . Edited, with a Life of the Author . . by E. Grey. 2 Vol. *See* Hakluyt Society. Works, *&c.* No. 84, 85. 8⁰. 1892.

VALLÉ-POPE (Edward) The Fishes of Cambridgeshire. *See* Marr (J. E.) Handbook to the Natural History of Cambridgeshire, *&c.* 8⁰. 1904.

VALLÉE (Léon) [1850–] Bibliographie des Bibliographies, *&c.* *pp. 773.* 8⁰. *Paris*, 1883.

VALLÉE POUSSIN (Charles Louis Joseph Xavier de La) *See* La Vallée Poussin.

VALLENTIN (Rupert) Report on the Plants obtained by . . . R. Vallentin in the Falkland Islands, 1901–1902. By J. C. Melvill. *pp. 8.* *See* Manchester Literary and Philosophical Society. Memoirs and Proceedings, *&c.* Vol. xlvii, no. 10. 8⁰. 1903.

Vallentin (R.) Notes on the Falkland Islands. *pp. 48 : 3 pls.* *See* Manchester Literary and Philosophical Society. Memoirs and Proceedings, *&c.* Vol. xlviii, no. 23. 8⁰. 1904.

VALLERY-RADOT (René) [1853–] La Vie de Pasteur. *pp. 692 : 1 port.* 8⁰. *Paris*, 1900.

VALLES DE COVARRUBIAS (Francisco) [–1592] F. Vallesii de iis quæ scripta sunt, physice in libris sacris, sive de sacra philosophia liber singularis, cui . . . adiuncti sunt duo alii : nempe L. Lemnii de Plantis Sacris ; & F. Ruei de Gemmis . . . nunc emendatius expressi. Quinta hæc editio à mendis . . . repurgata est, *&c.* *pp. 440 [20,] 179.* 8⁰. *Lugduni*, 1622.

This work was probably first issued in 1587.

VALLET (P.) Carte Géologique du département de la Savoie . . . Échelle de 1 à 150,000 [*i.e.* 1 in. = 2⅓ m. about]. *See* Savoy. [*Maps.*] s.sh. *col.* 1869.

VALLISNERI (Antonio) *See* Vallisnieri.

VALLISNIERI (Antonio) [1661–1730] Opere fisico-mediche stampate e manoscritte . . . raccolte da Antonio suo figliuolo, *&c.* (Notizie della Vita, e degli Studi del Kavalier A. Vallisneri, tratte dalle Memorie da lui vivente affidata a G. Co: di Porzia, *&c.*) 3 Tom. *illust.* fol. *Venezia*, 1733.

Vallisnieri (Antonio) Dialoghi del Signor Dottor A. Valsinieri [*sic*] . . . sopra la curiosa origine di molti Insetti, *&c.* *pp. [viii,] 268 [7].* 8⁰. *Venezia*, 1700.

Vallisnieri (Antonio) Considerazioni, ed esperienze intorno al creduto Cervello di Bue impietrito, vivente ancor l'Animale, *&c.* *pp. xiv, 51 : 10 pls.* 8⁰. *Padoa*, 1710.

Vallisnieri (Antonio) Istoria del Camaleonte Affricano, e di varj Animali d'Italia, *&c.* *pp. [viii,] 200 : 13 pls., 1 port.* 4⁰. *Venezia*, 1715.

Vallisnieri (Antonio) Lezione accademica intorno all'origine delle Fontane, *&c.* *pp. [viii,] 87 : 1 pl.* 4⁰. *Venezia*, 1715.

Vallisnieri (Antonio) De' Corpi marini che su' Monti si trovano ; della loro origine . . . lettere critiche, *&c.* *pp. [ix,] 254 [10] : 4 pls.* 4⁰. *Venezia*, 1721.

VALLISNIERI (Antonio) *the Younger.* Opere fisico-mediche . . . del Kavalier A. Vallisneri, raccolte da Antonio suo figliuolo, *&c.* 3 Tom. *See* Vallisnieri (A.) fol. 1733.

VALLOMBROSA.—Reale Istituto Forestale. Ordinamento . . . ed indicazione del materiale scientifico di cui l'Istituto stesso è provveduto. (Catalogo della Biblioteca. — Erbario. — Catalogo delle collezioni zoologiche.) *pp. 377.* *See* Italy.—ministerio di agricoltura, *&c.* Annali, *&c.* No. 29. 8⁰. 1880.

VALLON (A.) *See* Revue Horticole . . . Redigée par . . . Vallon, *&c.* Ann. 1858. 8⁰. 1858.

VALLOT (Jean Nicolas) [–1858 or 9] Concordance systématique, servant de table de matières à l'ouvrage de Réaumur, intitulé : Mémoires pour servir à l'histoire des Insectes. *pp. xvii, 196 [2].* 4⁰. *Paris*, 1802.

Vallot (Jean N.) Observations Entomologiques traduites et extraites d'un ouvrage inédit intitulé : J. N. Vallot . . . Insectorum incunabula, *&c.* *pp. 29.* 8⁰. *Paris*, 1812.

Mag. Encyclop. Aug. 1812.

Vallot (Jean N.) Ichthyologie Française, ou histoire naturelle des Poissons d'eau douce de la France. (Supplément.) *pp. 321 (39) : 1 port.* 8⁰. *Dijon*, 1837 (39).

A second supplement was published in the "Mém. Acad. Sci. Dijon," 1850 (1851).

VALLOT (Joseph) [1875–] Recherches physico-chimiques sur la Terre Végétale et ses rapports avec la Distribution Géographique des Plantes. *pp. xv, 344.* 8⁰. *Paris*, 1883.

Vallot (Joseph) Essai sur la Flore du Pavé de Paris limité aux boulevards extérieurs, ou Catalogue des Plantes qui croissent spontanément dans les rues et sur les quais. Suivi d'une Florule des ruines du Conseil d'État. *pp. 122.* 8⁰. *Paris*, 1884.

Vallot (Joseph) Guide du Botaniste et du Géologue dans la région de Cauterets. *pp. xxviii, 329.* 8⁰. *Pau, Paris*, 1886.

Vallot (Joseph) Études Pyrénéennes, *&c.* 8⁰. *Paris*, 1887.

I. Le Sapin et ses déformations. *pp. 49: text illust.* 1887.
II. Mécanisme de la destruction des Pics granitiques. *pp. 31: text illust.* 1887.
III. Oscillations des Glaciers des Pyrénées. *pp. 16: 3 pls.* 1887.
IV. Comblement des Lacs Pyrénéens. *pp. 12: 2 pls.* 1887.

VALMONT DE BOMARE (Jacques Christophe) [1731-1807] [Traité de Minéralogie, *&c.* 2 Tom. 8⁰. *Paris*, 1762.]

Wanting.

—— [Another edition entitled :] Minéralogie, ou nouvelle exposition du Règne Minéral . . . Seconde édition. 2 Tom. 8⁰. *Paris*, 1774.

Valmont de Bomare (J. C.) [Dictionnaire raisonné universel d'Histoire Naturelle, contenant l'histoire des Animaux, des Végétaux et des Minéraux . . . des Météores, *&c.* 5 Tom. 8⁰. *Paris*, 1765.]

Wanting.

—— Quatrième édition, *&c.* 8 Tom. 4⁰. *Lyon*, 1791.

VALOROUS, *H.M.S.* H.M.S. "Valorous." Deep-sea soundings and temperatures. North Atlantic Ocean. 1875. *See* Great Britain & Ireland.—*Admiralty.* fol. 1875.

VALPARAISO.—Museo de Historia Natural.

[1878 Founded.
1906 Destroyed by earthquake.]

Boletin, *&c.* Año III-IX. 8⁰. [*Valparaiso*, 1899-1906.]

Wanting many of the parts.

Valparaiso.—Museo de Historia Natural.

Revista Chilena de Historia Natural : órgano del Museo, *&c.* Año III-XV, no. 1. 8⁰. [*Valparaiso*,] 1899-1911.

Wanting very many of the parts.

Valparaiso.—Museo de Historia Natural.

Catálogo metódico provisional de las Colecciones Zoolójicas. I. Artrópodos i Vermes Chilenos por C. E. Porter. *pp. 16.* 8⁰. *Valparaiso*, 1899.

Valparaiso.—Museo de Historia Natural.

El Museo . . . durante el año 1900 (1901). Memoria . . . por C. E. Porter. *pp. 15 (16).* 8⁰. *Valparaiso*, 1901, 1902.

Valparaiso.—Museo de Historia Natural.

Catálogo metódico de los Mamíferos Chilenos existentes en el Museo . . . el 31 de Diciembre de 1905, confeccionado por J. A. Wolffsohn i C. E. Porter. 8⁰. *Santiago de Chili*, 1908.

Revista Chilena, Año XII, *pp. 66-85.*

VALPY (Robert Harris) [1819-1904] Notes on the Geology of Ilfracombe . . . by a late resident [*i.e.* N. H. Valpy]. *See* Ilfracombe. 8⁰. [1867 ?]

—— Second edition. 8⁰. [*post* 1880.]

—— Third edition. 8⁰. [ ]

—— Fourth edition. 8⁰. [*ante* 1897.]

VALSINIERI (Antonio) *See* Vallisnieri (A.)

VALUY (Pierre) [-1836 ?] Notices Géologiques et Minéralogiques, par M. F. [*i.e.* P.] Valuy, accompagnées de notes par M. A. Leymerie. [Second edition.] *pp. 35. See* Lyons.—Société linnéenne. Annales, *&c.* [1st Vol.] 1836. 8⁰. [1836 ?]

VÁMBÉRY (Ármin) [1832-1913] Travels in Central Asia; being the account of a journey from Teheran across the Turkoman Desert on the eastern shore of the Caspian to Kiva, Bokhara, and Samarcand . . . in . . . 1863. *pp. xvii, 443: 12 pls., 1 map.* 8⁰. *London*, 1864.

VANATTA (E. S.) & **Britton** (J. C.) Soil Survey of Marion county, Missouri. *See* United States.—*Department of Agriculture.—Soils Bureau.* 8⁰. 1911.

VANCOUVER (George) [*c.* 1757-1798] A Voyage of discovery to the North Pacific Ocean and round the World . . . performed in . . . 1790-95, in the Discovery . . . and . . . Chatham. [Edited with a preface by J. Vancouver.] 3 Vol. *illust.* & Atlas. 4⁰. & fol. *London*, 1798.

Some manuscript zoological notes, made by A. Menzies during the voyage, are inserted at the end of the Atlas.

VANDAMME (Henri) [1803-] Flore de l'arrondissement d'Hazebrouck (département du Nord), *&c.* 4 Pt. [in 1 Vol.] 4⁰. *Paris*, 1850-64.

VANDAS (Karel) Reliquiæ Formánekianæ. Enumeratio critica Plantarum Vascularium, quas itineribus in Hæmo peninsula et Asia Minore (Bithynia) factis collegit . . . E. Formánek, *&c. pp. viii, 612, xxxiii.* 8⁰. *Brunæ*, 1909.

VANDELLI (Domenico) [1735-1816] D. Vandelli . . . Dissertationes tres. De Aponi thermis : De Nonnullis Insectis terrestribus, & Zoophytis marinis, & De Vermium terræ reproductione, atque Tænia canis. *pp. vi, 167 [12] : 5 pls.* 8⁰. *Patavii*, 1758.

A botanical plate, representing a *Sempervivum* in flower, is placed in front of the plates belonging to the work : it is unlettered and does not seem to have been published.

Vandelli (D.) D. Vandelli . . . Dissertatio de arbore Draconis, seu *Dracæna.* Accessit dissertatio de Studio Historiæ Naturalis necessario in Medicina, Œconomia, Agricultura, *&c. pp. 39 : 1 pl.* 8⁰. *Olisipone*, 1768.

—— [Another edition.] *See* Roemer (J. J.) Scriptores de Plantis Hispanicis, *&c.* 8⁰. 1796.

Vandelli (D.) [Fasciculus Plantarum, cum novis generibus et speciebus. 4⁰. *Olisipone*, 1771.]

Wanting.

—— [Another edition.] *See* Roemer (J. J.) Scriptores de Plantis Hispanicis, *&c.* 8⁰. 1796.

Vandelli (D.) Diccionario dos Termos Technicos de Historia Natural extrahidos das Obras de Linnéo . . . e a Memoria sobre a utilidade de dos Jardins botanicos, *&c. pp. vi, xxxvi, 301 : 21 pls.* 8⁰. *Coimbra*, 1788.

Vandelli (D.) [Floræ Lusitanicæ et Brasiliensis specimen, *&c.* 4⁰. *Conimbricæ*, 1788.]

—— [Another edition.] *See* Roemer (J. J.) Scriptores de Plantis Hispanicis, *&c.* 8⁰. 1796.

Vandelli (D.) D. Vandelli . . . Viridarium Grisley Lusitanicum, Linnæanis nominibus illustratum, *&c. See* Lisbon.—Academia Real das Sciencias. 8⁰. 1789.

Vandelli (D.) Epistolæ ineditæ . . . Vandellii . . . Edidit H. C. Van Hall. *See* Linnæus (C.) [*Letters.*] Epistolæ ineditæ C. Linnæi, *&c.* 8⁰. 1830.

Vandelli (D.) [Autograph letter to Sir J. Banks, consisting of descriptions, with water-colour drawings, of genera of Plants collected in Minas Geraes, Brazil, by Joaquin Velloso de Miranda.] *foll. 8.* 4⁰. 1785.

Apparently sent with a view to publication in the "Philosophical Transactions," in which, however, this communication did not appear. Some of the drawings, or precisely similar ones, were used for the figures illustrating the author's "Floræ Lusitanicæ et Brasiliensis specimen," 1788, and were again reproduced when the latter was republished in Römer's "Scriptores de Plantis Hispanicis," *&c.*, 1796 [*q.v.*].

VANDEN-BERGHE (Maximilien) L'Homme avant l'Histoire : notions générales de l'aléoethnologie. Deuxième édition précédée d'une lettre de A. Hovelacque. *pp. 82.* 8⁰. *Paris*, 1886.

Vanden-Berghe (M.) & **Grisard** (J.) Les Palmiers utiles et leurs alliés, *&c.* *See* GRISARD (J.) & VANDEN-BERGHE (M.) 8⁰. 1889.

VAN DEN BRANDEN (CONSTANT) *See* BRANDEN.

VAN DENBURGH (JOHN) The Reptiles of the Pacific Coast and Great Basin, *&c.* *pp. 236 : text illust.* *See* CALIFORNIA ACADEMY OF SCIENCES. Occasional Papers, *&c.* Vol. V. 8⁰. 1897.

Van Denburgh (J.) Advance diagnoses of new Reptiles and Amphibians from the Loo Choo Islands and Formosa. *pp. 8.* 8⁰. *San Francisco*, 1912.

VANDERCOLME (EDMOND) Histoire botanique et thérapeutique des Salsepareilles. *pp. 136 : 4 pls.* 8⁰. *Paris*, 1870.

VANDERHEYM (ÉMILE) [1833–1889] & **others.** Diamant et pierres précieuses, *&c.* *See* JANNETTAZ (P. M. E.) *& others.* 8⁰. 1881.

VANDERSTEGEN DE PUTTE ( ) Essai sur l'Histoire naturelle du Brabant par feu M . . . . . [*i.e.* Vanderstegen de Putte.] Mammifères, *&c.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. XXIV. 4⁰. 1850.

VAN DIEMEN'S LAND. *See* TASMANIA.

VAN DINE (D. L.) The Sugar-Cane Insects of Hawaii. *pp. 54 : 3 pls., 1 map, text illust.* *See* UNITED STATES. — *Department of Agriculture.* — *Entomology Bureau.* Bulletin No. 93. 8⁰. 1911.

VAN DUZEE (EDWARD P.) Capsidæ novæ in Insula Jamaica mense Aprilis 1906 a D. E. P. Van Duzee collectæ. Descripsit O. M. Reuter. *pp. 27.* *See* HELSINGFORS.—FINSKA VETENSKAPS-SOCIETETEN. Översigt af . . . Förhandlingar. Vol. XLIX, no. 5. 8⁰. 1907.

VAN DYKE (T. S.) The Deer and Elk of the Pacific Coast. *See* ROOSEVELT (T.) *& others.* The Deer Family. 8⁰. 1902.

VANEY (A.) Contributions à l'étude des Larves et des Métamorphoses des Diptères. *pp. 178 : 4 pls.* *See* LYONS.—UNIVERSITÉ. Annales, *&c.* Nouvelle Série, Fasc. IX. 8⁰. 1902.

VANEY (CLÉMENT) Les Holothuries de l'Expédition Antarctique Nationale Écossaise. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S.Y. "Scotia," *&c.* Vol. VI, no. 1. 4⁰. 1912.
Trans. Roy. Soc. Edinburgh. Vol. XLVI, 1908 (1909).

Vaney (C.) & **Koehler** (R.) Description d'une nouvelle larve d'Astérie appartenant très vraisemblablement à une forme abyssale (*Stellosphæra mirabilis*). *pp. 10 : text illust.* *See* MONACO. — *Musée Océanographique.* Bulletin, *&c.* No. 64. 8⁰. 1906.

Vaney (C.) & **Koehler** (R.) Description d'un nouveau genre de Prosobranches parasite sur certains Échinides. (*Pelseneeria*, nov. gen.) *pp. 16 : text illust.* *See* MONACO. —INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 118. 8⁰. 1908.

VÁNGEL (EUGEN) *See* VÁNGEL (JENŐ)

VÁNGEL (JENŐ) *See* ROVARTANI LAPOK (Feuilles Entomologiques. Bulletin . . . rédigé par . . . E. Vángel), *&c.* Köt. III. 8⁰. 1886.

Vángel (J.) [Cœlenterata, Bryozoa and Annelides of Lake Balaton.] *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. II. 4⁰. 1897.

VAN HEURCK (HENRI) *See* HEURCK.

VAN HISE (CHARLES RICHARD) [1857–] Correlation papers. Archean and Algonkian. *pp. 549 : 12 geol. maps, col.* *See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 86. 8⁰. 1892.

Van Hise (C. R.) A Treatise on Metamorphism. *pp. 1286 : 13 pls., text illust.* *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XLVII. 4⁰. 1904.

Van Hise (C. R.) & **Bayley** (W. S.) The Marquette Iron-bearing district of Michigan, *&c.* *pp. xxvii, 608 : 35 pls., text illust.* Atlas, *37 maps geol. col.* *See* UNITED STATES. — *Geological Survey.* Monographs, *&c.* Vol. XXVIII. 4⁰. & fol. 1897.

Van Hise (C. R.) & **Irving** (R. D.) Crystalline rocks of the Wisconsin Valley. *See* WISCONSIN, *State of.*—*Geological Survey.* Geology of Wisconsin, *&c.* Vol. IV. 8⁰. 1882.

Van Hise (C. R.) & **Irving** (R. D.) On secondary enlargements of mineral fragments in certain rocks. *pp. 56 : 6 pls. (5 col.), text illust.* *See* UNITED STATES. —*Geological Survey.* Bulletin, *&c.* No. 8. 8⁰. 1884.

Van Hise (C. R.) & **Irving** (R. D.) The Penokee Iron-bearing series of Michigan and Wisconsin. *See* UNITED STATES.—*Geological Survey.* Annual Report, *&c.* No. 10. 8⁰. 1890.

Van Hise (C. R.) & **Irving** (R. D.) The Penokee Iron-bearing series of Michigan and Wisconsin. *pp. xix, 534 : 35 pls. (4 col.), 2 maps geol. col., text illust.* *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XIX. 4⁰. 1892.

Van Hise (C. R.) & **Leith** (C. K.) Pre-Cambrian Geology of North America. *pp. 939 : 2 maps geol. col.* *See* UNITED STATES. — *Geological Survey.* Bulletin No. 360. 8⁰. 1909.

Van Hise (C. R.) & **Leith** (C. K.) The Geology of the Lake Superior region. *pp. 641, 1 tab. : 29 pls. (col.), 20 maps (col.), text illust.* *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. LII. 4⁰. 1911.

VANHOEFFEN (ERNST) [1858–] Untersuchungen über semæostome und rhizostome Medusen. *pp. 51 : 6 pls. col., 1 map.* *See* ZOOLOGICA. Bibliotheca Zoologica, *&c.* Bd. I, hft. 3. 4⁰. 1888.

Vanhoeffen (E.) Die Akalephen der Plankton-Expedition. *See* HENSEN (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, *&c.* Bd. II. K.d. 4⁰. 1892.

Vanhoeffen (E.) Zoologische Ergebnisse der . . . Grönlandexpedition nach Dr. Vanhoeffen's Sammlungen bearbeitet. I. Untersuchungen über Anatomie und Entwicklungsgeschichte von *Arachnactis albida*, Sars. II. Die Grönländischen Ctenophoren von . . . E. Vanhöffen. *pp. 21 : 1 pl.* *See* ZOOLOGICA. Bibliotheca Zoologica, *&c.* Bd. VIII, hft. 20. 4⁰. 1895.

Vanhoeffen (E.) Die Fauna und Flora Grönlands. *See* DRYGALSKI (E. VON). Grönland-Expedition, *&c.* Bd. II, thl. 1. 8⁰. 1897.

Vanhoeffen (E.) Botanische Ergebnisse der . . . Grönlandexpedition nach . . . Vanhöffens Sammlungen bearbeitet. 2 Pt. *See* BIBLIOTHECA BOTANICA. Abhandlungen, *&c.* Hft. 42. 4⁰. 1897–99.

Vanhoeffen (E.) Die craspedoten Medusen des "Vettor Pisani." *pp. 33 : 2 pls., text illust.* *See* ZOOLOGICA, *&c.* Bd. XXVI, hft. 67 [no. 1]. 4⁰. 1913.

VAN HORN (Frank B.) The Geology of Moniteau county . . . With an Introduction by E. R. Buckley. *pp. viii, 104 : 12 pls., 2 maps (1 geol. col.), text illust. See* Missouri, *State of.—Bureau of Geology and Mines.* [Publications, *&c.*] Ser. II, vol. iii. 8⁰. [1905.]

VAN HORN (Frank Robertson) [1872–] Lecture Notes on general and special Mineralogy. *pp. vii, 683.* 8⁰. [*New York,*] 1903.

Printed on one side of the paper only.

VANHOVE (Dieudonné) [1875–] Description cristallographique du Quartz de Quenast. *pp. 51 : 1 pl., text illust. See* Brussels. — académie royale des sciences, *&c.* Mémoires, *&c.* Tom. lviii. 4⁰. 1900.

VANNES.—Société Polymathique du Morbihan.

[1826 Founded as *Société Archéologique du Morbihan.*
1860 *Société Polymathique, &c.*]

Bulletin (Procès Verbaux), *&c.* Ann. 1857–93. 8⁰. *Vannes,* 1858–94.

There is a "Table générale . . . de 1857–74" paged on at the end of Ann. 1874. In some of the volumes the "Procès-Verbaux," which begin in 1866, are separately paged.

Vannes.—Société Polymathique du Morbihan. Histoire naturelle du Morbihan. Catalogues raisonnés des productions des trois règnes de la Nature recueillies dans le département, *&c.*

The several Catalogues issued under this heading by the Society are entered under the names of the individual authors as follows :
Mammals, Birds and Reptiles. *See* Taslé (A.)
Mollusca. *See* Taslé (A.)
Lepidoptera. *See* Griffith (W. J.)
Phanerogams. *See* Arrondeau (E. T.)
Minerals. *See* Limur (F. de) *Count.*
The earlier Catalogue of Minerals by G. d'Ault-Dumesnil is wanting.

VANNEY (J.) Carte Géologique de la Tunisie, dressée et dessinée par J. Vanney. Échelle 1 : 500,000 [*i.e.* 1 in. = 8 m. about]. *See* Tunis. [*Maps.*] s.sh. [ ]

VANNI (Violante) [–1775] & **others.** Ornithologia methodice digesta, *&c.* [Dedication signed by S. Manetti, V. Vanni, *&c.*] 5 Vol. *See* Manetti (X.) *& others.* fol. 1767–76.

VANNUTELLI (Lamberto) & **Citerni** (C.) Seconda spedizione Bòttego. (1895–97.) L'Omo : viaggio d'esplorazione nell'Africa orientale, *&c. pp. xvi, 650, 1 tab. : 11 pls., 9 maps (1 geol. col.), text illust.* 8⁰. *Milano,* 1899.

The Appendix contains :—
v. Cenni sulle racolte Geologiche. [By] G. De Angelis d'Ossat e F. Millosevich.
vi. Cenni sulle collezioni Zoologiche. [By] R. Gestro.

VAN SOMEREN (G. J.) Progress Reports of Forest Administration in Mysore for 1865–66 & 1866–67, *&c. See* India.—*Public Works Department.* Reprint . . . of Records, *&c.* No. 11. fol. 1868.

Van Someren (G. J.) Annual Report . . . on the Management and Conservancy of the Mysore Forests for . . . 1876–77. *See* India.—*Department of Revenue and Agriculture.* fol. 1877.

Van Someren (G. J.) Annual Report . . . on the Management and Conservancy of the Coorg Forests for . . . 1876–77. *See* India.—*Department of Revenue and Agriculture.* fol. 1877.

VAN 'T HOFF (J. H.) *See* Hoff (J. H. van 't).

VAN TIEGHEM (P. E. L.) *See* Tieghem.

VANUXEM (Lardner) [–1848] [For reports in connection with the Geological Survey] *See* New York, *State of.—Geological Survey.* State of New York . . . In Assembly . . . 1837 (1838–41) Communication from the Governor, *&c.* 8⁰. [1837–41.]

Vanuxem (L.) Geology of New York. Part 3, comprising the survey of the third geological district. *See* New York, *State of.* Natural History of New York. Pt. iv, pt. 3. 4⁰. 1842.

Vanuxem (L.) Vanuxem's Report [of the Minerals collected in South Carolina]. *See* South Carolina, *State of.—Geological Survey.* Report on the Geology, *&c.* Appendix. 4⁰. 1848.

VAOHLIN (Andreas) *See* Wahlin (A.)

VARELA (Antonio G.) Redúvidos de la Guinea Española. *pp. 12. See* Madrid. — real sociedad española de historia natural. Memorias, *&c.* Tom. i, mem. 5. 8⁰. 1904.

VARENIUS (Gustaf) Afhandling om de Wåxter, som i Bibelen omtalas. Nionde Delen . . . utgifven af G. Varenius, *&c. See* Thunberg (C. P.) 8⁰. [1828.]

VARENNE (Pierre Jean Étienne Mauduyt de la) *See* Mauduyt de la Varenne.

VARESE.—Società Crittogamologica Italiana. *See* Milan.

VARGAS BEDEMAR (Eduardo Romeo de) *Count* [1770–1847] Introduzione allo studio della Mineralogia, *&c. pp. vi, 45 [1].* 8⁰. [*Naples, c.* 1805.]

VARGHA (Gyula von) [1853–] Hungary : a Sketch of the Country, its People and its Conditions. *pp. 81 : 1 map col.* 8⁰. *Budapest,* 1908.

VARGHA (Julius de) *See* Vargha (G. von)

VARIGNY (Henry C. de) [1855–] Recherches expérimentales sur la contraction musculaire chez les Invertébrés. *pp. 157 [1] : text illust. See* Archives de Zoologie Expérimentale et Générale, *&c.* Sér. II, tom. iii bis, mém. 2. 8⁰. 1885.

—— [Another issue.] 8⁰. *Poitiers,* 1886.
Academic Thesis.

Varigny (H. C. de) *See* Archives Slaves de Biologie dirigées par . . . H. de Varigny. Tom. iii, fasc. 2 —iv, fasc. 3.† 8⁰. 1887.

VARISCO (Antonio) Note illustrative della Carta Geologica della provincia di Bergamo. *pp. 130.* 8⁰. *Bergamo,* 1881.

VARLEY (Cornelius) [1781–1873] Improvements in the Vial microscope. *pp. 38 : 3 pls.* 8⁰. *London,* 1834.
Trans. Soc. Arts, *&c.* Vol. l.

VARLEY (Delvalle) *See* Lowry afterwards Varley.

VARON (Casimir) [1761–1796] Voyage dans l'intérieur de l'Afrique, *&c.* [Edited and partly written (?) by C. Varon.] *See* Levaillant (F.) 8⁰. 1790.

Second voyage dans l'intérieur de l'Afrique, *&c.* [Edited (?) by C. Varon.] *See* Levaillant (F.) 4⁰. [1795.]

VARPAKHOVSKIĬ (Nikolaĭ Arkad'evich) [1862–] Ikhtiologhicheskaya Fauna ryekī Maloī Kokshaghī Tzarevokokshaĭskagho uyezda Kazanskoĭ ghubernii. [Ichthyological Fauna of the Little Kokchaga river in the Tsarevokokshaĭsk district of the Kazan government.] *pp. 14. See* Kazan.—obshchestvo estestvoĭspuitateleĭ, *&c.* Protokolui zasyedaniĭ, *&c.* 1882–83. Prilozheniya, no. 63. 8⁰. 1883.

Varpakhovskiĭ (N. A.) Predvaritel'nuiya svyedyeniya k izucheniyu Faunui Kazanskoĭ ghuberniĭ. [Preliminary contributions to a knowledge of the Fauna of the Kazan government.] *pp. 8. See* KAZAN.—OBSHCHESTVO ESTESTVOÏSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1883–84. Prilozheniya, no. 68. 8⁰. 1884.

Varpakhovskiĭ (N. A.) Ïkhtiologhicheskaya fauna ryekĭ Surui.—Die Fische des Flusses Ssura. *pp. 14. See* KAZAN.—OBSHCHESTVO ESTESTVOÏSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1884–85. Prilozheniya, no. 73. 8⁰. 1885.

VARRO (MARCUS TERENTIUS) [*c.* 114–26 B.C.] M. T. Varronis Opera omnia quæ extant. Cum notis J. Scaligeri, A. Turnebi, P. Victorii, & A. Augustini. His accedunt Tabulæ Naufragii, seu Fragmenta ejusdem, *&c.* 6 Pt. 8⁰. *Durdrechti*, 1619.

Varro (M. T.) P. Victorii explicationes suarum in . . . Varronem . . . castigationum. *See* VETTORI (P.) 8⁰. 1543.

Varro (M. T.) M. T. Varronis de Re Rustica libri III. *See* GESNER (J. M.) Scriptores Rei Rusticæ veteres Latini, *&c.* Vol. I. 8⁰. 1787.

VARSHAVA. *See* WARSAW.

VARSOVIE. *See* WARSAW.

VARTHEMA (LODOVICO) [fl. 1480–1510] Voyages and travels in Egypt, Syria, Arabia, Persia, and India . . . in 1503. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. VII. 8⁰. 1824.

Varthema (L.) The Travels of L. di Varthema in Egypt, Syria, Arabia . . . Persia, India, and Ethiopia A.D. 1503 to 1508. *See* HAKLUYT SOCIETY. Works, *&c.* No. 32. 8⁰ 1863.

VASCONCELLOS DE ALMEIDA PEREIRA CABRAL (FREDERICO AUGUSTO DE) [1820–1886] Estudo de depositos superficiaes da bacia do Douro. *pp. 87 : 2 pls., text illust. See* PORTUGAL.—*Commissão do Serviço Geologico.* [*Mémoires : Cénozoïque.*] 4⁰. 1881.

VASEY (GEORGE) [1822–1893] Delineations of the Ox tribe; or the natural history of Bulls, Bisons, and Buffaloes. Exhibiting all the known species and the more remarkable varieties of the genus *Bos. pp. xvi, 192 : 1 pl., text illust.* 8⁰. *London*, 1851.

—— [Another issue entitled :] A Monograph of the genus *Bos, &c. pp. xvi, 192 : 1 pl., text illust.* 8⁰. *London*, 1857.

Differs from the preceding only in the title-page.

Vasey (G.) The American Entomologist and Botanist . . . Edited by . . . G. Vasey. Vol. II. *See* AMERICAN ENTOMOLOGIST, *The.* 4⁰. 1870.

Vasey (G.) [Gramineæ of Central Colorado.] *See* UNITED STATES. — *Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Catalogue of Plants collected in . . . 1871–73, *&c.* 8⁰. 1874.

Vasey (G.) Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona . . . By J. T. Rothrock . . . and . . . G. Vasey, *&c. See* UNITED STATES. —*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. VI. Botany. Chap. 4. 4⁰. 1878.

Vasey (G.) The Grasses of the United States : being a synopsis of the tribes and genera, with descriptions of the genera, and a list of the species. *pp. 47.* 8⁰. *Washington*, 1883.

Dept. Agric. Special Report No. 63.

Vasey (G.) The Agricultural Grasses of the United States, by G. Vasey, *&c. See* UNITED STATES.—*Department of Agriculture.—Botany Division.* 8⁰. 1884.

Vasey (G.) Illustrations of North American Grasses, *&c.* 2 Vol. *See* UNITED STATES. — *Department of Agriculture.—Botany Division.* 4⁰. 1890–93.

VASĪL'EV (ALEKSANDR TĪKHONOVĪCH) Japanische Actinien. *pp. 52 : 9 pls., text illust. See* MUNICH. —KOENIGLICH BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Supplement-Band I, no. 2. 4⁰. 1908.

Forming Bd. I, no. 2 of "Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein."

VASĪL'EV (VASĪLIĬ PAVLOVĪCH) Kurze naturhistorische und geographische Notizen über den Tiger nach Chinesischen Quellen. [*pp. 3.*] *See* ST. PETERSBURG. —ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VI, tom. X, pt. II (Sci. Nat. Tom. VIII) [No. 2 Anhang.] 4⁰. 1859.

—— [Preprint.] 4⁰. 1856.

VASLIT (FRANK H.) *See* ZOE : a biological journal, *&c.* (Edited by F. H. Vaslit.) Vol. I. No. 1–7. 8⁰. 1890.

VASQUEZ FIGUEROA Y CANALES (AURELIO) Catálogo de los Lepidópteros recogidos en los alrededores de Madrid y en S. Ildefonso. *pp. 12. See* MADRID. —REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XXIII. 8⁰. 1895.

VASSEUR (GASTON) [1855–] Recherches Géologiques sur les terrains Tertiaires de la France occidentale. Stratigraphie. *pp. 432 : 6 maps geol. col., text illust. See* ANNALES DES SCIENCES GÉOLOGIQUES, *&c.* Tom. XIII, no. 1. 8⁰. 1881.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXIII. 8⁰. 1881.

Vasseur (G.) Sur le dépot Tertiaire de Saint-Palais près Royan (Charente-Inférieure). Notice stratigraphique. *pp. 12 : text illust. See* ANNALES DES SCIENCES GÉOLOGIQUES, *&c.* Tom. XVI, no. 1. 8⁰. 1884.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXIX, no. 1. 8⁰. 1884.

Vasseur (G.) Contribution à l'étude des terrains Tertiaires du sud-ouest de la France. *pp. 16 : text illust. See* FRANCE. — *Service de la Carte Géologique détaillée.* Bulletin, *&c.* No. 19. 8⁰. 1891.

Vasseur (G.) I. Nouvelles observations sur l'extension des Poudinges de Palassou dans le département du Tarn. — II. Observations au sujet d'une note de M. Caraven-Cachin intitulée : Le Poudingue de Palassou sur le versant sud-ouest du Plateau Central. — III. Relations du Terrain Nummulitique de la Montagne Noire avec les Formations Lacustres du Castrais. *pp. 16 : 1 map, text illust. See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* No. 37. 8⁰. 1894.

Vasseur (G.) Sur les formations Tertiaires supra-Nummulitiques de l'Ariège, et en particulier, sur la réapparition dans ce département de la bande des calcaires stampiens de Briatexte. *pp. 10 : 1 map, text illust. See* FRANCE.—*Service de la Carte Géologique détaillée.* Bulletin, *&c.* No. 86. 8⁰. 1902.

VASSEUR DE BEAUPLAN (GUILLAUME LE) *See* BEAUPLAN.

VATER (ABRAHAM) [1684–1751] Catalogus variorum exoticorum . . . quæ in Museo suo . . . possidet A. Vater, *&c. pp.* [*vi,*] *16.* 4⁰. *Wittembergæ*, 1726.

Vater (A.) Dissertatio inauguralis medica botanica, qua de Ruta ejusdemque virtutibus præside A. Vatero . . . disseret auctor, *&c. See* KETTNER (J. A.) 4⁰. [1735.]

Vater (A.) Dissertatio inauguralis medica de Lauro-cerasi indole venenata . . . quam præside D. A. Vatero . . . proponet J. A. S. Boettiger, *&c. See* BOETTIGER (J. A. S.) 4⁰. [1737.]

Vater (A.) Syllabus Plantarum potissimum exoticarum quæ in Horto Medico Academiæ Wittenbergensis aluntur. *pp.* [*viii,*] *72.* 8⁰. *Wittenbergæ*, 1738.

VATER (HEINRICH AUGUST) [1859–] Die fossilen Hölzer der Phosphoritlager des Herzogthums Braunschweig. Inaugural-Dissertation, *&c. pp. 73* [*1*] *: 3 pls.* 8⁰. *Berlin*, 1884.

Zeitschr. Deutsch. geol. Gesell. XXXVI.

VATER (W.) [For official publications as Director] *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS UNIVERSITAET.—*Botanischer Garten.*

VATERLAENDISCHER VEREIN ZUR BILDUNG EINES MUSEUMS FUER DAS ERZHERZOGTHUM OESTERREICH OB DER ENNS UND DAS HERZOGTHUM SALZBURG.
See LINZ.—MUSEUM FRANCISCO-CAROLINUM.

VATERLAENDISCHES MUSEUM CAROLINO-AUGUSTEUM.
See SALZBURG.—STAEDTISCHES MUSEUM, *&c.*

VATKE (WILHELM) [1840–1889] *Ipomœa decora*, Vatke et J. M. Hildebrandt, eine neue Convolvulacee aus Ost-Afrika. *pp. 2 : 1 pl. col.* 8⁰. [*Berlin,*] 1879.

Monatsschr. Verein. Beförd. Gartenbaues K. Preuss. Staaten. Jahrg. 22.

Vatke (W.) [For official publications as Assistant] *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS UNIVERSITAET.—*Botanischer Garten.*

VAUCHER (JEAN PIERRE ÉTIENNE) [1763–1841] Histoire des Conferves d'eau douce . . . suivie de l'histoire des Trémelles et des Ulves d'eau douce, *&c. pp. xv, 285* [*3*] *: 17 pls.* 4⁰. *Genève*, 1803.

Vaucher (J. P. É.) Monographie des Prêles. [*Equisetum.*] (Note sur la germination des Prêles.) *pp. iv, 63* [*3*] *: 14 pls.* 8⁰. *Genève & Paris*, 1822.

Reprinted with additional matter from "Mém. Soc. phys. hist. nat. Genève." Tom. I.

Vaucher (J. P. É.) Monographie des Orobanches. *pp. ii, 72 : 16 pls.* 4⁰. *Genève & Paris*, 1827.

Vaucher (J. P. É.) Histoire physiologique des Plantes d'Europe, ou exposition des phénomènes qu'elles présentent dans les diverses périodes de leur développement. Tom. I.† *pp. 503.* 8⁰. *Paris*, 1830.

——[Another edition.] 4 Vol. 8⁰. *Paris*, 1841.

VAUCLUSE.—Académie de Vaucluse.
See AVIGNON.

VAUGHAN (E. P. H.) A Plea for Geology and its Professors. *pp. 20.* 12⁰. *London*, 1852.

VAUGHAN (THOMAS WAYLAND) [1870–] A brief contribution to the Geology & Paleontology of northwestern Louisiana. *pp. 65 : 4 pls. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 142. 8⁰. 1896.

Vaughan (T. W.) The Eocene and Lower Oligocene Coral Faunas of the United States, with descriptions of a few doubtfully Cretaceous species. *pp. 263 : 24 pls. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXXIX. 4⁰. 1900.

Vaughan (T. W.) Reconnaissance in the Rio Grande Coal Fields of Texas. *pp. 100 : 9 pls., 2 maps, text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 164. 8⁰. 1900.

Vaughan (T. W.) The Corals of the Buda Limestone. *See* UNITED STATES.—*Geological Survey.* Bulletin No. 205. 8⁰. 1903.

Vaughan (T. W.) Recent Madreporaria of the Hawaiian Islands and Laysan. *pp. ix, 427 : 96 pls. See* UNITED STATES NATIONAL MUSEUM. Bulletin No. LIX. 4⁰. 1907.

Vaughan (T. W.) [Actinozoa : Tetracoralla & Hexacoralla revised & extended by T. W. Vaughan.] *See* ZITTEL (K. A. VON) Text-Book of Paleontology . . . Second edition, *&c.* Vol. I. 8⁰. 1913.

Vaughan (T. W.) & **Hill** (R. T.) The Lower Cretaceous Gryphæas of the Texas Region. *pp. 66 : 35 pls., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 151. 8⁰. 1898.

VAULABELLE (ALFRED DE) [1846–] Physique du globe et météorologie populaire, *&c. pp. viii, 360 : text illust.* 8⁰. *Paris*, 1883.

VAUPEL (FRIEDRICH) *See* MONATSSCHRIFT FUER KAKTEENKUNDE . . . Herausgegeben von . . . F. Vaupel, *&c.* Bd. XXI, no. 4→ 8⁰. 1911→

VAUPELL (CHRISTIAN THEODOR) [1821–1862] De Nordsjællandske Skovmoser. En botanisk-mikroskopisk Undersögelse af de Plantedele, som danne Törven, og af de Levninger af Fortidens Skove, der ere bevarede i nogle Nordsjællandske Skovmoser. *pp. iv* [*iv,*] *56* [*4*] *: 2 pls.* 4⁰. *Kjöbenhavn*, 1851.

Vaupell (C. T.) Planterigets Naturhistorie til Skolebrug. *pp.* [*iv,*] *197 : text illust.* 8⁰. *Kjøbenhavn*, 1854.

Vaupell (C. T.) Untersuchungen über das peripherische Wachsthum der Gefässbündel der dicotyledonen Rhizome. *pp. 44 : 2 pls.* 8⁰. *Leipzig*, 1855.

Vaupell (C. T.) Iagttagelser over Befrugtningen hos en Art af Slægten *Œdogonium. pp. 38 : 1 pl.* 4⁰. *Kiøbenhavn*, 1859.

Vaupell (C. T.) De Danske Skove. *pp. xii,* [*4,*] *309 : 1 map, text illust.* 8⁰. *Kjøbenhavn*, 1863.

Vaupell (C. T.) Oplysninger i Anledning af . . . E. Erslevs Angreb paa Vaupells Botanik, *&c. See* GRØNLUND (C. C. H.) 8⁰. 1874.

VAUQUELIN (LOUIS NICOLAS) [1763–1829] Annales de Chimie . . . par . . . Vauquelin. [Ser. I,] Tom. VII—[Ser. II,] Tom. III. *See* ANNALES DE CHIMIE ET DE PHYSIQUE. 8⁰. 1790–1816.

Vauquelin (L. N.) Journal des Mines . . . par . . . Vauquelin. Tom. XI–XXXVIII. *See* ANNALES DES MINES. 8⁰. 1802–15.

VAUTHERIN (FRANÇOIS AUGUSTE) Observations sur quelques points de l'organisation des Chéloniens. *pp. 21 : 3 pls. col. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. V, tom. XIII, no. 7. 8⁰. 1870.

——[Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. II, no. 2. 8⁰. 1870.

VAUX (William Sandys Wright) [1818–1885] The World encompassed by Sir F. Drake . . . With . . . introduction by W. S. W. Vaux, *&c.* *See* Hakluyt Society. Works, *&c.* No. 16. 8⁰. 1854.

Vaux (W. S. W.) On the knowledge the Ancients possessed of the Sources of the Nile. *pp. 32 : 1 map.* 8⁰. [*London*, 1863.]
Trans. Roy. Soc. Literature. New Series, Vol. viii.

VÁVRA (Vélav) Monographie der Ostracoden Böhmens. *pp. 114.* *See* Prague. — beide comités fuer die landesdurchforschung von boehmen. Archiv, *&c.* Bd. viii, no. 3. 8⁰. 1891.

Vávra (V.) Ein Beitrag zur Kenntniss der Süsswasserfauna von Bulgarien. *pp. 4.* *See* Prague.—koenigliche-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1893, no. 46. 8⁰. 1894.

Vávra (V.) Die . . . Süsswasser-Ostracoden Zanzibar's. *See* Stuhlmann (F. L.) Zoologische Ergebnisse einer in . . . Ost-Afrika unternommenen Reise. Bd. ii. 8⁰. 1895 (1901).

Vávra (V.) Die Süsswasser-Ostracoden Deutsch-Ost-Afrikas. *See* Deutsch-Ost-Afrika. Bd. iv. 8⁰. 1897.

Vávra (V.) Süsswasser-Ostracoden. *See* Hamburg.—naturhistorisches museum. Ergebnisse der Hamburger Magalhänsischen Sammelreise, *&c.* Lief. 3. 8⁰. 1898.

Vávra (V.) Die Ostracoden (Halocypriden und Cypridiniden) der Plankton-Expedition. *See* Hensen (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, *&c.* Bd. g.g. 4⁰. 1906.

Vávra (V.) & **Frič** (A. J.) Untersuchungen über die Fauna der Gewässer Böhmens. iii–v. *See* Prague.—beide comités fuer die landesdurchforschung von boehmen. Archiv, *&c.* Bd. ix, thl. 2 ; x, thl. 3 ; xi, thl. 3. 8⁰. 1893–1901.

VÁVRA (Wenzel) *See* Vávra (V.)

VAYREDA Y VILA (Estanislao) Plantas notables por su utilidad ó rareza que crecen espontaneamente en Cataluña ó sea apuntes para la Flora Catalana. 2 Pt. *pp. 196 : 6 pls.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. viii & ix. 8⁰. 1879–80.

Nuevos apuntes para la Flora Catalana. *pp. 111 : 3 pls.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. xi. 8⁰. 1882.

Vayreda y Vila (E.) Fauna Ornithologica de la provincia de Gerona, *&c.* *pp. 280.* 8⁰. *Gerona*, 1883.

Vayreda y Vila (E.) Notas geográfico-botánicas. *pp. 22.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. xxix. 8⁰. 1901.

Vayreda y Vila (E.) Plantas de Cataluña. *pp. 92 : 3 pls.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. xxx. 8⁰. 1902.

VAYSSIÈRE (Albert) [1854–] Observations sur l'Anatomie du *Glaucus.* *pp. 17 : 2 pls.* *See* Annales des Sciences Naturelles, *&c.* Zoologie. Sér. VI, tom. i, no. 7. 8⁰. 1874.

—— [Another issue.] *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. xii, no. 3. 8⁰. 1875.

Vayssière (A.) Recherches anatomiques sur les Mollusques de la famille des Bullidés. *pp. 123 : 12 pls.* *See* Annales des Sciences Naturelles, *&c.* Zoologie. Sér. VI, tom. ix, no. 1. 8⁰. 1879–80.

—— [Another issue.] *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. xx, no. 2. 8⁰. 1880.

Vayssière (A.) Étude sur l'état parfait du *Prosopistoma punctifrons.* *pp. 16 : 1 pl.* *See* Annales des Sciences Naturelles, *&c.* Zoologie. Sér. VI, tom. xi, no. 1. 8⁰. 1881.

—— [Another issue.] *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. xxii, no. 1. 8⁰. 1881.

Vayssière (A.) Recherches sur l'organisation des Larves des Éphémérines. *pp. 137 : 11 pls.* *See* Annales des Sciences Naturelles, *&c.* Zoologie. Sér. VI, tom. xiii, no. 1. 8⁰. 1882.
Wanting pp. 1–12.

—— [Another issue.] *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. xxv, no. 3. 8⁰. 1882.

Vayssière (A.) Recherches anatomiques sur les genres *Pelta* (*Runcina*) et *Tylodina.* *pp. 46 : 3 pls.* *See* Annales des Sciences Naturelles, *&c.* Zoologie. Sér. VI, tom. xv, no. 1. 8⁰. 1883.

Vayssière (A.) Recherches zoologiques et anatomiques sur les Mollusques Opistobranches du Golfe de Marseille. (—Supplément) 4 Pt. *illust.* *See* Marseilles.—musée d'histoire naturelle. Annales, *&c.* Tom. ii, mém. 3 ; iii, mém. 4 ; vi, mém. 1 ; viii, mém. 3. 4⁰. 1885–1903.

Vayssière (A.) Atlas d'Anatomie Comparée des Invertébrés par A. Vayssière . . . avec une préface de M. F. Marion. [*pp. vi :*] *60 pls.* (*col.*), *with descriptive letterpress.* fol. *Paris*, 1888–90.

Vayssière (A.) Étude anatomique sur le *Coléophysis* (*Utriculus*) *truncatula*, Brug. (—Observations zoologiques & anatomiques sur l'*Ammonicera*, nouveau genre de Gastéropode Prosobranche.) *pp. 28 : 1 pl.* *See* Marseilles.—faculté des sciences. Annales, *&c.* Tom. iii, fasc. 3. 4⁰. 1893.

Vayssière (A.) [Nudibranchia of the Bay of Biscay.] *See* Lyons.—université. Annales de l'Université, *&c.* [Tom. xxvi.] Résultats scientifiques de la Campagne du "Caudan," *&c.* 8⁰. 1896.

Vayssière (A.) Étude sur les Insectes qui s'attaquent aux bâtons de suc de réglisse. *pp. 24 : 1 pl.* *See* Marseilles.—faculté des sciences. Annales, *&c.* Tom. xi, fasc. 3. 4⁰. 1901.

Vayssière (A.) Opistobranches. *See* France. [*Voyages, &c.—Travailleur & Talisman.*] Expéditions scientifiques du Travailleur et du Talisman pendant . . . 1880–1883, *&c.* 4⁰. 1902.

Vayssière (A.) Rapport sur le fonctionnement du Laboratoire de Zoologie agricole de la Faculté des Sciences de Marseille . . . 1900 . . . 1902. *pp. 7.* *See* Marseilles.—faculté des sciences. Annales, *&c.* Tom. xiii. 4⁰. 1903.

Vayssière (A.) Mollusques Hétéropodes provenant des campagnes des yachts Hirondelle et Princesse-Alice (1885–1903). *See* Albert Honoré Charles, *Prince of Monaco.* Résultats des Campagnes scientifiques, *&c.* Fasc. xxvi. 4⁰. 1904.

Vayssière (A.) Description de quelques spécimens géants du *Balanus psittacus*, Molina, appartenant au Musée d'Histoire Naturelle de Marseille. *pp. 9 : 1 pl. See* MARSEILLES.—FACULTÉ DES SCIENCES. Annales, *&c.* Tom. XV. 4⁰. 1905.

Vayssière (A.) Mollusques de la France et des régions voisines. Tom. I. Amphineures, Gastéropodes Opisthobranches, Hétéropodes, Marséniadés et Oncidiidés. *pp. 418 [11] : text illust.* 8⁰. *Paris*, 1913.

Vayssière (A.) & **Bordas** (L.) Étude sur le fourreau d'une espèce de Psychidé des environs de Tombouctou. *pp. 16 : 1 pl. See* MARSEILLES.—FACULTÉ DES SCIENCES. Annales, *&c.* Tom. X, fasc 3. 4⁰. 1900.

Vayssière (A.) & **Gerber** (C.) Recherches cecidologiques sur *Cistus albidus*, L., et *Cistus Salvifolius*, L., croissant aux environs de Marseille. *pp. 68 : 6 pls. See* MARSEILLES.—FACULTÉ DES SCIENCES. Annales, *&c.* Tom. XIII, fasc. 2. 4⁰. 1903.

VAZ (LOPEZ) Extract from "A discourse of the West Indies and South Sea . . . 1587," *&c. See* HAKLUYT SOCIETY. Works, *&c.* No. 16. 8⁰. 1854.

VEACH (OTTO) Second Report on the Clay deposits of Georgia. *pp. 453 : 32 pls., 3 maps (1 geol. col.), text illust. See* GEORGIA, *State of.* — *Geological Survey.* Bulletin No. 18. 8⁰. 1909.

The preliminary Report was by G. E. Ladd in 1898.

VEATCH (ARTHUR C.) [1878–] Geology and underground water resources of northern Louisiana and southern Arkansas. *pp. 422, 1 tab.: 36 pls., 15 maps (col.), text illust. See* UNITED STATES.— *Geological Survey.* Professional Paper No. 46. 4⁰. 1906.

Veatch (A. C.) Geography and Geology of a portion of southwestern Wyoming, with special reference to Coal and Oil. *pp. v [i], 178, 1 tab.: 22 pls. (1 col.), 4 maps (geol. col.), text illust. See* UNITED STATES.— *Geological Survey.* Professional Paper No. 56. 4⁰. 1907.

Veatch (A. C.) & **others.** Record of Deep Well Drilling for 1904. *pp. 106. See* UNITED STATES.— *Geological Survey.* Bulletin No. 264. 8⁰. 1905.

VEBER (VALERIAN NĪKOLAEVĪCH) Shemakhīnskoe Zemletryasenie 31-gho yanvarya 1902 gh. — Tremblement de Terre de Chemakha du 31 Jan. (13 Févr.) 1902. *pp. 73 : 2 pls., 1 map, text illust. See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouv. Ser., Vuip. 9. 4⁰. 1903.

Veber (V. N.) & **Kalītziĭ** (K. P.) Cheleken.—Čeleken. *pp. vi, 180 : 24 pls., 2 maps (1 geol. col.), text illust.* RUSS. *with* GERM. *résumé. See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouv. Ser., Vuip. 63. 4⁰. 1911.

Veber (V. N.) & **others.** Andīzhanskoe Zemletryasenie 3/16 dekabrya 1902 ghoda, *&c.*— Das Erdbeben von Andishan am 3/16 Dezember, 1902, *&c. pp. [i,] 90 [4] : 5 pls., 1 map, text illust. See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouv. Ser., Vuip. 54. 4⁰. 1910.

VEDOYA (JEAN N. PUJÓL) *See* PUJÓL VEDOYA.

VÉE (AMÉDÉE ALEXANDRE) De l'influence exercée par les progrès de l'analyse immédiate des Végétaux sur le perfectionnement de la Pharmacie. Thèse, *&c. pp. 37.* 8⁰. *Paris*, 1859.

Vée (A. A.) Recherches chimiques et physiologiques sur la Fève du Calabar. Thèse, *&c. pp. 34.* 8⁰. *Paris*, 1865.

VEEN (CORNELIS VAN) Kurtze Beschreibung der Schiffart, so C. von der Ven in den Orientalischen Indien . . . verrichtet hat. [1602–3.] *See* BRY (T. DE), (J. T. DE) & (J. I. DE). [*India Orientalis.* Pt. VIII. Append.—*German.*] Appendix . . . dess achten Theils der Orientalischen Indien, *&c.* fol. 1606.

VEEN (H.) Handleiding voor het Verzamelen en Conserveeren van Dieren en Dierlijke producten in de Nederlandsche overzeesche gewesten. *See* HAARLEM.— NEDERLANDSCHE MAATSCHAPPIJ TER BEVORDERING VAN NIJVERHEID.—*Koloniaal Museum.* 8⁰. 1897.

VEER (GERRIT DE) Drey schifffahrten der Holländer [with W. Barentsz] nach oberweldten Indien, durch das Mittnächtigsche oder Eissmeer [by G. de Veer]. *See* BRY (T. DE), (J. T. DE) & (J. I. DE). [*Indiæ Orientalis.* Pt. III. — *German.*] Dritte Theil Indiæ Orientalis, *&c.* fol. 1599.

Veer (G. DE) A true description of three Voyages by the North-east towards Cathay, *&c. See* HAKLUYT SOCIETY. Works, *&c.* No. 13. 8⁰. 1853.

—— [Another edition entitled :] The three Voyages of W. Barents, *&c. See* HAKLUYT SOCIETY. Works, *&c.* No. 54. 8⁰. 1876.

VEESENMEYER (GUSTAV) Ueber die Vegetationsverhältnisse an der mittlern Wolga. Mit einem Verzeichniss der in den Gouvernements Ssimbirsk und Ssamara in den Jahren 1847–1851 beobachteten phanerogamen Pflanzen. *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Beiträge zur Pflanzenkunde des Russischen Reiches. Lief. IX. 8⁰. 1854.

VEEZAERDT (PAULUS) Metamorphoseos et historiæ naturalis pars secunda, de Insectis . . . Latinitate donata, commentariis, & notis . . . illustrata, & auctuario notarum sive appendice locupletata, de Insectorum origine, utilitate & usu a P. Veezaerdt. *See* GOEDART (J.) Metamorphosis et historia naturalis Insectorum. 8⁰. (1667.)

VEGA, *Swedish Vessel.* Vega-expeditionens vetenskapliga Iakttagelser, *&c.* 5 Bd. *See* NORDENSKIÖLD (N. A. E. VON). 8⁰. 1882–87.

Vega, *Swedish Vessel.* Skelettdelar af Hval insamlade under expeditionen med Vega 1878–1880, beskrifna af A. W. Malm. *pp. 114 : text illust. See* STOCKHOLM.— KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. VIII. No. 4. 8⁰. 1883.

VEGA (GARCILASSO DE LA) *See* GARCILASSO DE LA VEGA.

VEGA (GEORG VON) *Baron* [1756–1802] Georg's Freiherrn von Vega logarithmisch-trigonometrisches Handbuch. Neue, vollständig durchgesehene und erweiterte Stereotyp-Ausgabe. Bearbeitet von . . . C. Bremiker. Neunundsiebenzigste Auflage. *pp. xxviii, 575.* 8⁰. *Berlin*, 1902.

The first edition appeared in 1793.

VEGARD (L.) L'influence du sol sur la glaciation au Spitsberg. *pp. 8. See* CHRISTIANIA. — VIDENSKABSSELSKABET. Skrifter, *&c.* 1912, no. 3. 8⁰. 1912.

VEGETABLE LIFE. Sketches of the Physiology of Vegetable Life. By the authoress of "Botanical Dialogues" [*i.e.* M. E. Jackson]. *pp. xi, 172 : 14 pls.* 8⁰. *London*, 1811.

VEGETABLE PHYSIOLOGY. A new Theory of Vegetable Physiology, based on electricity and substantiated by facts, with its application to Agriculture. *pp. 196.* 8⁰. *Edinburgh & London*, 1847.

VEGETABLE SUBSTANCES. [A description and history of Vegetable Substances used in the Arts, *&c.* 12⁰. *London*, 1829.]
Wanting.

—— Second edition. *pp. viii, 422 : text illust.* 12⁰. *London*, 1830.
Library of Entertaining Knowledge.

Vegetable Substances. Vegetable Substances used for the food of Man. [By E. Lankester.] *pp. viii, 396.* 12⁰. *London*, 1832.
Library of Entertaining Knowledge.

Vegetable Substances. Vegetable Substances: Materials of Manufactures. *pp. xii, 456 : text illust.* 12⁰. *London*, 1833.
Library of Entertaining Knowledge.

VEGETATION. The Economy of Vegetation (or phœnomena of Plants) . . . By a Fellow of the Linnean Society [*i.e.* J. Murray]. *pp. 175 : 1 pl., text illust., lithog. title.* 8⁰. *London*, 1838.

VEGETIUS RENATUS (Publius) Vegetii Renati artis veterinariæ . . . libri iv. *See* Gesner (J. M.) Scriptores Rei Rusticæ veteres Latini, *&c.* Vol. iii. 8⁰. 1787.

VEĬBERGH (Sīghīzmund) Nyekotoruiya nablyudeniya nad rostom Krīstallov. (Krīstallīzatziya kalievo-alyumīnievuikh Kvastzov.) [Some observations on the growth of Crystals. (Crystallization of alumo-potassic Alum.)] *See* Warsaw.—obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui . . . otdyeleniya Fīzīkī ī Khīmiī. Ghod. viii. 8⁰. 1898.

VEIGA (Sebastião Philippes Martins Estacio da) Orchideas de Portugal. *pp. xiii, 49 [2] : 36 pls. See* Lisbon.—academia real das sciencias. Memorias, *&c.* Nova Serie, Tomo vi, pt. 2. 4⁰. 1887.

VEIHMEYER (Frank J.) & **others.** Some Fungous Diseases of economic importance, *&c. pp. 41 : 8 pls. (col.), text illust. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 171. 8⁰. 1910.

VEILLARD ( ) *Writer on Agriculture.* Traité des Arbres et Arbustes que l'on cultive en pleine terre en Europe, et particulièrement en France, par Du Hamel. (Seconde) Édition . . . Redigé par Veillard, *&c.* 7 Tom. *illust. col. See* Duhamel du Monceau (H. L.) fol. [1800-19.]

VEITCH (James) & **Sons.** A Manual of the Coniferæ, containing a general review of the order ; a synopsis of the hardy kinds cultivated in Great Britain ; their place and use in Horticulture, *&c. pp. 350 : 18 pls., text illust.* 8⁰. *London*, 1881.

—— [Another edition entitled :] Veitch's Manual of the Coniferæ . . . A new . . . edition by A. H. Kent. *pp. 562 : text illust.* 8⁰. [*London*] 1900.

Veitch (James) & **Sons.** A Manual [by A. H. Kent] of Orchidaceous Plants cultivated under glass in Great Britain. 2 Vol. *illust.* 8⁰. *London*, 1887-94.
Issued in 10 separately-paged parts. Vol. i contains an article on the Teratology of Orchids by M. T. Masters.

Veitch (James) & **Sons.** Hortus Veitchii : a history of the . . . Nurseries of Messrs. J. Veitch and Sons, *&c. See* Veitch (J. H.) 8⁰. 1906.

VEITCH (James Herbert) [1868-1907] Hortus Veitchii : a history of the . . . Nurseries of Messrs. J. Veitch and Sons . . . with an account of the botanical collectors and hybridists employed by them and a list of the most remarkable of their introductions. *pp. 542 : 50 pls.* 8⁰. *London*, 1906.
Printed for private circulation.

VEITCH (William Young) Geological map of Cleveland, ½ in. = 1 m.—The rarer Flora of Cleveland. *See* British Association, *&c.* Middlesbrough and the district, *&c.* 8⁰. 1881.

Veitch (W. Y.) & **Barrow** (G.) The Geology of the district [of Middlesbrough]. *See* British Association, *&c.* Middlesbrough and the district, *&c.* 8⁰. 1881.

Veitch (W. Y.) & **Lofthouse** (R.) Section along the coast [of Cleveland], from Sandsend to Saltburn. *See* British Association, *&c.* Middlesbrough and the district, *&c.* 8⁰. 1881.

VEITH (Emanuel) [1788-] Abriss der Kräuterkunde . . . nebst einer Uebersicht der gewöhnlichsten einheimischen Gewächse und ihrer Standörter. *pp. xvi, 413 : 1 pl. col.* 8⁰. *Wien & Triest*, 1813.

Veith (E.) Systematische Beschreibung der vorzüglichsten in Oesterreich wildwachsenden, oder in Gärten gewöhnlichen Arzneygewächse, mit besonderer Rücksicht auf die neue Oesterreichische Provincial-Pharmacopoe. *pp. 143 [9].* 8⁰. *Wien & Triest*, 1813.

VEJDOVSKÝ (František) [1849-] Beiträge zur vergleichenden Morphologie der Anneliden. i. Monographie der Enchytraeiden, *&c. pp. 61 : 14 pls. (col.)* 4⁰. *Prag*, 1879.

Vejdovský (F.) Untersuchungen über die Anatomie, Physiologie und Entwicklung von *Sternaspis. pp. 58 : 10 pls. col.* 4⁰. *Wien*, 1881.
Denkschr. k. Akad. Wissensch. Wien. Bd. xliii, 1882.

Vejdovský (F.) Thierische Organismen der Brunnenwässer von Prag. *pp. 66 [4] : 8 pls.* 4⁰. *Prag*, 1882.

Vejdovský (F.) Revisio Faunæ Bohemicæ. Pars i. Die Süsswasser-Schwämme Böhmens. *pp. 43 : 3 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Abhandlungen, *&c.* Sechste Folge, Bd. xii. 4⁰. 1883 (-85).

Vejdovský (F.) System und Morphologie der Oligochæten, *&c. pp. 166 [6] : 16 pls. col., text illust.* 4⁰. *Prag*, 1884.

Vejdovský (F.) Diagnosis of the European Spongillidæ. *See* Potts (E.) Fresh Water Sponges, *&c.* 8⁰. 1887.

Vejdovský (F.) Zrání, oplození a rýhování Vajíčka. [On the maturation, fertilization, and segmentation of the Ovum.] *pp. 154 : 10 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Spisův poctěných Jubilejné Cenou, *&c.* Čís. i. 8⁰. 1887.

Vejdovský (F.)
Organogenese Gordiů, jakožto příspěvek k biologii a metamorfose buněčné. (Sdělení předběžná.) [Organogenesis of the Gordii, as a contribution to cellular biology and metamorphosis.] *pp. 39.*
O treni mihule (*Petromyzon Planeri*). [On the spawning of the Lamprey.] *pp. 4 : 1 pl.*
See Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1893, no. 40 & 49. 8⁰. 1894.

Vejdovský (F.)
O rodu *Opistoma* O. Schmidt. [On the genus *Opistoma*, O. Schmidt.] *pp. 20.*
Organisace nové Bothrioplany (*Bothrioplana Bohemica* n. sp.). [Anatomy of *Bothrioplana Bohemica* n. sp.] *pp. 24.*
See Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1894, no. 20 & 28. 8⁰. 1895.

Vejdovský (F.) Nové zprávy o Turbellariích. [New data on Turbellarians.] *pp. 47 : text illust. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1895, no. 9. 8⁰. 1896.

Vejdovský (F.) Ueber einige Süsswasser-Amphipoden. 3 Pt. *illust. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1896, no. 10 ; 1900, no. 1 ; 1905, no. 28. 8⁰. 1897, 1901, 1905.

Vejdovský (F.) Nynější stav otázky oplození vajíčka a kinetického dělení buněčného. [The present state of the question on the fertilization of the Ovum and the kinetic cell division.] *pp. 17 : text illust. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1897, no. 2. 8⁰. 1898.

Vejdovský (F.) O systematickém umístění studničného korýše *Bathynella natans.* [On the systematic position of *B. natans.*] *pp. 2. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1898, no. 14. 8⁰. 1899.

Vejdovský (F.)
K ústrojnosti a vývoji Bakterií. [On the organisation and development of Bacteria.] *pp. 14 : text illust.*
Morfologie t. zv. žlázy tykadlové a skořápečné. [Morphology of antennal- and shell-glands.] *pp. 11 : text illust. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1900, no. 22 & 23. 8⁰. 1901.

Vejdovský (F.) Nové zprávy o ústrojnosti Bakterií, zvláště o jádru a jeho dělení. [New information on the structure of Bacteria, particularly on the nucleus and its division.] *pp. 17 : 1 pl. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1903, no. 43. 8⁰. 1904.

Vejdovský (F.) O zvláštním případu Fagocytosy. [On a special case of Phagocytosis.] *pp. 10 : text illust. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1904, no. 8. 8⁰. 1905.

Vejdovský (F.) Ueber die Nephridien von *Æolosoma* und *Mesenchytræus. pp. 11 : 1 pl. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1905, no. 6. 8⁰. 1905.

Vejdovský (F.) Bemerkungen zum Aufsatze des Herrn Dr. K. Šulc über *Kermincola kermesina*, etc. *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1906, no. 20. 8⁰. 1907.

Vejdovský (F.) & **Mrázek** (A.) Centrosom und Periplast. *pp. 11 : text illust. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1898, no. 15. 8⁰. 1899.

Vejdovský (F.) & **Mrázek** (A.) Ueber *Potamothrix* (*Clitellio?*) *Moldaviensis*, n.g., n.sp. *pp. 7 : 1 pl. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1902, no. 24. 8⁰. 1903.

VELA (BLASCO NUÑEZ) [*c.*1490–1546] [Voyage to South America. 1543–44.] *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. XV. 4⁰. 1757.

VELADO (JERÓNIMO MACHO DE) *See* MACHO DE VELADO.

VÉLAIN (CHARLES) [1845–] Thèse . . . Description Géologique de la presqu'île d'Aden, de l'Île de Réunion, des îles Saint-Paul et Amsterdam. *pp. iv, 358 : 28 pls. (1 col.), 4 maps col., text illust.* 4⁰. *Paris*, 1878.

——[Another edition entitled :] Description, *&c. pp. iv, 358 : 29 pls. (1 col.), 4 maps col., text illust.* 4⁰. *Paris*, 1878.

Differs from the preceding solely in having a different title-page and an extra plate (Frontispiece).
Both these issues are preprints from :—

——[Another edition entitled :] Recherches Géologiques faites à Aden, La Réunion, Amsterdam et Saint-Paul. *See* PARIS.—ACADÉMIE DES SCIENCES. Recueil de Mémoires . . . relatifs à l'observation du passage de Vénus sur le Soleil. Tom. II, pt. 2. 4⁰. 1880.

The "frontispiece" present in the preceding edition, does not appear in this, though lettered as belonging to it.

Vélain (C.) [Cours élémentaire de Géologie stratigraphique. 8⁰. *Paris*, 1882.]
Wanting.

—— Troisième édition, *&c. pp. 448 : 1 map col., text illust.* 8⁰. *Paris*, 1887.

Vélain (C.) Premières Notions de Géologie (Pierres et Terrains). *pp. iv, 208 : text illust.* 12⁰. *Paris*, 1882.

Vélain (C.) Les Volcans, ce qu'ils sont et ce qu'ils nous apprennent. *pp. 127 : 1 pl., text illust.* 8⁰. *Paris*, 1884.
Bull. Hebd. Assoc. Scient. France. Sér. II, tom. VIII & IX, 1883–84.

Vélain (C.) Conférences de Pétrographie, *&c.* Fasc. 1.† 8⁰. *Paris*, 1888.

VELARDE (CARLOS E.) La Región Minera de Huancavelica, distrito de Huaillay, provincia del Cerro de Pasco. *pp. 40 : 1 pl., 2 maps. See* PERU.—*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 44. 8⁰. 1906.

VELDE (A.) Bechhold's Handlexikon der Naturwissenschaften und Medizin bearbeitet von A. Velde, *&c. See* BECHHOLD (H.) 8⁰. 1894.

VELENOVSKÝ (JOSEF) [1855–] Die Flora aus den ausgebrannten tertiären Letten von Vršovic bei Laun. *pp. 54 : 10 pls. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Folg. VI, bd. XI, no. 1. 4⁰. 1881.

Velenovský (J.) O medových žlázkách rostlin Křížatých a jich upotřebení v systematice řádu tohoto. [On the honey-glands in the Cruciferæ and their use in systematic classification.] *pp. 58 : 5 pls. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Folg. VI, bd. XII, no. 7. 4⁰. 1883 (1885).

Velenovský (J.) Die Gymnospermen der Böhmischen Kreideformation. *pp. 34 : 13 pls.* 4⁰. *Prag*, 1885.

Velenovský (J.) Beiträge zur Kenntniss der Bulgarischen Flora. *pp. 47. See* PRAGUE. — KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Folg. VII, bd. I, no. 8. 4⁰. 1886.

Velenovský (J.) Die Farne der Böhmischen Kreideformation. *pp. 32 : 6 pls., 1 text illust. See* ACADEMIES, *&c.*—PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Folg. VII, bd. II, no. 8. 4⁰. 1888.

Velenovský (J.) Květena Českého Cenomanu. [Cenomanian Flora of Bohemia.] *pp. 75 : 6 pls. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Folg. VII, bd. III, no. 3. 4⁰. 1889 (1890).

Velenovský (J.) Flora Bulgarica. Descriptio et enumeratio systematica Plantarum Vascularium in principatu Bulgariæ sponte nascentium. *pp.* [*x*,] *ix*, *676*. 8⁰. *Pragæ*, 1891.

The author's two papers, "Plantæ novæ Bulgaricæ," that appeared in the "Sitzungsb. K.-Böhm. Gesell. Wissensch." 1889, Bd. II, & 1890, Bd I, are incorporated in this work.

—— Neue Nachträge, *&c.* *pp. 22.* 8⁰. (*Prag*, 1892.)

Sitzungsb. K.-Böhm. Gesell. Wissensch. 1892.

—— Dritter (Vierter — Siebenter) Nachtrag, *&c.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1893, no. 37; 1894, no. 29; 1895, no. 37; 1898, no. 29; 1899, no. 40. 8⁰. 1894–1900.

—— Supplementum I. *pp. xix*, *404*. 8⁰. *Pragæ*, 1898.

—— Neue Nachträge, *&c.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1902, no. 27; 1903, no. 28. 8⁰. 1903 (1904).

—— Letzte Nachträge zur Flora der Balkanländer. *pp. 13.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1910, no. 8. 8⁰. 1911.

Velenovský (J.)
O biologii a morfologii rodu *Monesis*. (Ueber die Biologie und Morphologie der Gattung *Monesis*.) *pp. 12 : 1 pl.*
O morfologii os cevnatých Tajnosnubných. (Ueber die Morphologie der Achsen der Gefässcryptogamen.) *pp. 22 : 2 pls.*
O Phyllokladiích rodu *Danaë*. (Ueber die Phyllokladien der Gattung *Danaë*.) *pp. 10 : 1 pl.*
See PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. I, čís. 39, 40 & 42. 8⁰. 1892.

Velenovský (J.) O některých abnormitách Rostlin Složnokvětých. [On some abnormalities in Compositæ.] *pp. 8 : 1 pl.* *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. IV, čís. 33. 8⁰. 1895.

Velenovský (J.) Mechy České. [Bohemian Mosses.] *pp. 348* [*4*]. *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. VI, čís. 6. 8⁰. 1897.

Velenovský (J.) Bryologické příspěvky z Čech za rok 1897–8 (—1901–2). [Bryological contributions from Bohemia in the year 1897–8. (—1901–02.)] 4 Pt. *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. VII, čís. 16; VIII, čís. 27; IX, čís. 28; X, čís. 24; & XII, čís. 11. 8⁰. 1898–1903.

Velenovský (J.) Jatrovky České. [The Liverworts of Bohemia.] 3 Pt. *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. X, čís. 12; XI, čís. 3; & XII, čís. 4. 8⁰. 1901–03.

Velenovský (J). Die Verzweigungsart der Gattung *Dracæna*, Vand. *pp. 7 : 1 pl.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1903, no. 20. 8⁰. 1904.

Velenovský (J.) O Klíčení semen Pirolaceí [On the seedlings of the Pirolaceæ.] *pp. 6 : 1 pl.* *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIV, čís. 35. 8⁰. 1905.

Velenovský (J.) Všeobecná Botanika. Srovnávací Morfologie. [Cosmopolitan Botany. Comparative Morphology.] 3 Díl. *pp.* [*iii*,] *1012* [*4*] : *9 pls.*, *text illust.* 8⁰. *v Praze*, 1905–10.

Velenovský (J.) Vergleichende Morphologie der Pflanzen. (Supplement.) 4 Thl. *pp.* [*iv*,] *1211* [*4*] (*224*) : *11 pls.*, *text illust.* 8⁰. *Prag*, 1905–10 (–13).

Velenovský (J.) Plantæ Arabicæ Musilianæ. *pp. 17.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1911, no. 11. 8⁰. 1912.

VELICH (ALOIS V.) O skladbě chrustavky Sepie officinalis. [On the structure of the Cartilage of *Sepia officinalis*.] *pp. 10 : 1 pl.* *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. I, čís. 13. 8⁰. 1892.

VELLEY (THOMAS) [1748–1806] Coloured figures of Marine Plants, found on the southern coast of England; illustrated with descriptions and observations: accompanied with a figure of the *Arabis stricta* from St. Vincent's Rock. To which is prefixed an inquiry into the mode of propagation peculiar to Sea Plants.—Plantarum Maritimarum in oris Angliæ australibus sponte crescentium icones pictæ, *&c.* *pp. viii : 5 pls. col.*, *with descriptive letterpress.* fol. *London & Bath*, 1795.

VELLOSIA, *&c.* Vol. I–IV.† *See* RIO DE JANEIRO.—*Museu Botanico do Amazonas.* 4⁰. 1891–92.

VELLOSO (JOSÉ MARIANNO DA CONCEIÇÃO) [1742–1811] Alographia dos alkalis fixos vegetal ou Potassa, mineral ou Soda e dos seus Nitratos, segundo as melhores memorias estrangeiras . . . Parte primeira : † Do Alkali fixo vegetal ou Potassa. (Flora Alographica das Hervas contheúdas nesta obra e de outras do Brazil, *&c.*) *pp. xiv*, *245*, *1 tab. : 24 pls.* 8⁰. *Lisboa*, 1798.

Velloso (J. M. DA C.) Aviario Brasilico, ou galleria ornithologico das Aves indigenas do Brasil, *&c.* *pp.* [*vi*,] *14 : 1 pl.* obl. 4⁰. *Lisboa*, 1800.

Printed in double column.

Velloso (J. M. DA C.) Floræ Fluminensis, seu descriptionum Plantarum præfectura Fluminensi sponte nascentium liber primus ad systema sexuale concinnatus . . . sistit Fr. J. M. a C. Vellozo . . . 1790. *pp. 352.* 4⁰. *Flumine Januario*, 1825.

This text was never completed.

—— Atlas, 11 Vol. fol. *Parisiis*, 1827.

—— [Another edition.] *pp. xii* [*12*,] *467.* fol. *Rio de Janeiro*, 1881.

Forms Vol. V of the "Archivos Mus. Nac. Rio de Janeiro." This is the complete text: the reprinted portion differs in pagination from that of the first issue.

VELLOSO DE MIRANDA (JOAQUIM) [*c.* 1733–1815] [For descriptions, with water-colour drawings, of genera of Plants collected by J. Velloso de Miranda, in Minas Geraes, Brazil] *See* VANDELLI (D.) [Autograph letter to Sir J. Banks, *&c.*] fol. 1785.

VELSCH (GEORG HIERONYMUS) *See* VELSCHIUS.

VELSCHIUS (GEORGIUS HIERONYMUS) [1624–1676] G. H. Velschii dissertatio medico-philosophica de Ægagropilis. 2 Pt. [in 1 Vol.] *illust.* 4⁰. *Augustæ Vindelicorum*, 1660–68.

VELSIUS (JUSTUS) Ἀριστοτέλους ἅπαντα. Aristotelis . . . opera . . . omnia . . . Per D. Eras[mum] Roterodamum. [With notes and emendations by J. Velsius, *&c.*] 2 Vol. *See* ARISTOTLE. [*Works.*] fol. 1550.

VELTEN (CARL) Ein Beitrag zur Flora von Speier a. Rh. und Umgebung (Verzeichnis der in den Jahren 1898–1901, *&c.*) *pp. 42 : 1 map.* *See* DURKHEIM-ON-THE-HART.—POLLICHIA, EIN NATURWISSENSCHAFTLICHER VEREIN DER RHEINPFALZ. Mitteilungen, *&c.* No. 15 bis (Jahrgang LIX). 8⁰. 1902.

VELTHEIM (August Ferdinand von) *Count* [1741–1801] Observations de M. De Trébra . . précédées d'un Plan d'une Histoire générale de la Minéralogie, par M. De Veltheim ; [translated] avec un discours préliminaire et des notes de M. le Baron de Dietrich. *See* Trébra (F. W. H. von). fol. 1787.
The German original was published at Brunswick in 1781.

Veltheim (A. F. von) *Count.* Ueber der Herren Werner und Karsten Reformen in der Mineralogie; nebst Anmerkungen über die ältere und neuere Benennung einiger Stein-Arten. *pp. 84.* 8⁰. *Helmstedt*, 1793.

VEN (Cornelius von der) *See* Veen (C. van).

VENABLES (Edmund) [1819–1895] The Isle of Wight. A guide . . . with . . . a . . . synopsis of its topography . . . geology, zoology, and botany, *&c.* *pp. xvi, 526.* 8⁰. *London*, 1860.
Contains, *inter alia* :—
Mammalia, or Quadrupeds. } By A. G. More.
Reptiles. } By A. G. More.
Freshwater Fishes. } By A. G. More.
Coleoptera. By G. Guyon.
Hymenoptera. By F. Smith.
Lepidoptera. Edited by A. G. More.
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Mosses found in the neighbourhood of Ventnor. By A. Bloxam. (Addenda, by Mrs. E. Venables.)
Lichens, observed in the neighbourhood of Ventnor, Bonchurch, and Appuldurcombe. By A. Bloxam. (Addenda, by T. Salwey.)
Seaweeds. By A. Hambrough.
Fungi. [Noticed by A. Bloxam and T. Salwey.]

VENATOR (Max) [Deutsch-Spanisch-Französisch-Englisches Wörterbuch der Berg- und Hüttenkunde, *&c.* 8⁰. *Leipzig*, 1894.]
Wanting.

—— Zweite Auflage. *pp. 116.* 8⁰. *Leipzig*, 1905.

English - German - Spanish - French Dictionary of the Terms employed in Mining, Metallurgy and Chemistry, *&c.* *pp. 126.* 8⁰. *Leipzig*, 1897.

Diccionário de las industrias Minera y Metalúrgica Español-Alemán-Francés-Inglés. *pp. 91* [*1*]. 8⁰. *Leipzig*, 1905.

VENDRELY (X.) & **others.** Flora Sequaniæ exsiccata, ou Herbier de la Flore de Franche-Comté, *&c.* *See* Paillot (J.) *& others.* 8⁰. 1872 [-83].

VENDRYÈS (Albert) & **Motelay** (L.) Monographie des Isoëteæ. *See* Motelay (L.) & Vendryès (A.) 8⁰. 1884.

VENDRYES (Henry) [1822–1907] Land . . and fresh water Shells of the Island [of Jamaica]. *See* Sinclair (A. C.) & Fyfe (L. R.) The Handbook of Jamaica for 1883, *&c.* 8⁰. 1883.

VENEGAS (Miguel) A natural and civil history of California : containing an accurate description of that country . . . its Animals, Vegetables, Minerals, and famous Fishery for Pearls . . . Translated from the original Spanish, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1759.

VENEMA (G. A.) De Barnsteen in het oostelijk gedeelte der provincie Groningen. (Naschrift door F. A. W. Miquel.) *pp. 18 : text illust. See* Holland. —*Commissie belast met het Vervaardigen eener geologische Beschrijving en Kaart van Nederland.* Verhandelingen, *&c.* Deel II, pt. 2. 4⁰. 1854.

VENETIA. [*Maps.*] Geognostische Karte eines Theiles der Venetianer Alpen, *&c.* *See* Fuchs (W.) Die Venetianer Alpen, *&c.* obl. fol. 1844.

Venetia. [*Maps.*] Geologische Uebersichtskarte des Tirolisch-Venetianischen Hochlandes, *&c.* *See* Mojsisovics von Mojsvár (E.) Die Dolomit-Riffe von Südtirol, *&c.* s.sh, 1878.

VENETZ (J.) Mémoire sur l'extension des anciens Glaciers renferment quelques explications sur leur effets remarquables, *&c.* *pp. 33.* *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Tom. XVIII. 4⁰. 1861.

VENEZIA. *See* Venice.

VENICE.—Ateneo Veneto.
[1812 Founded as *Ateneo di Venezia.*
1842 *Ateneo Veneto.*]
Esercitazioni scientifiche e letterarie, *&c.* Tom. I–VII.† 4⁰. *Venezia*, 1827–55 [-60].

VENICE.—Imperiale Regio Istituto Veneto di Scienze, Lettere ed Arti.
See infra, Reale Istituto Veneto, *&c.*

VENICE.—*Imperiale Regio Orto Botanico.*
Cenni Storici dell' I. R. Orto Botanico . . . e Catalogo delle Piante in coltivate (Catalogo . . . Supplimento primo), *&c.* *See* Ruchinger (G. M.) 4⁰. 1847 (-52).

VENICE.—Reale Istituto Veneto di Scienze, Lettere ed Arti.
[1838 Founded, on the reconstitution of the *I. R. Istituto del Regno Lombardo-Veneto* [*q.v.*], under the title of *Imperiale Regio Istituto Veneto di Scienze, Lettere ed Arti.*
1866 *Regio Istituto Veneto di Scienze, &c.*
1874 *Reale Istituto Veneto di Scienze, &c.*]
Atti, *&c.* Vol. I–VII [in 4 Vol.] 8⁰. *Venezia*, 1841–48.

—— Ser. II, vol. I–VI [in 2 Vol.] 8⁰. *Venezia*, 1850–55.
Tom. VI is marked on the sheets "Ser. III, tom. I."

—— Ser. III, tom. I–XVI [in 25 Vol.] 8⁰. *Venezia*, 1855–71.

—— Ser. IV, tom. I–III [in 6 Vol.] 8⁰. *Venezia*, 1871–74.

—— Ser. V, tom. I–VIII [in 16 Vol.] 8⁰. *Venezia*, 1874–82.
For a paper published as Appendix to Tom. *v*, *See* Taramelli (T.) Monografia . . . del Lias.

—— Ser. VI, tom. I–VII [in 21 Vol.] 8⁰. *Venezia*, 1882–89.

—— Ser. VII, tom. I–X [in 20 Vol.] 8⁰. *Venezia*, 1889–98.

—— Ser. VIII, tom. I→ 8⁰. *Venezia*, 1898→
In Ser. VII, tom. I→ each paper has its own pagination as well as that of the Vol.

Venice.—Reale Istituto Veneto di Scienze, *&c.*
Memorie, *&c.* Tom. I→ 4⁰. *Venezia*, 1843→

Venice.—Reale Istituto Veneto di Scienze, *&c.*
Indice generale dei Lavori pubblicati dall' anno . . . 1840–41 . . . al 1893–94, *&c.* 2 Vol. 8⁰. *Venezia*, 1896.

Venice.—Reale Istituto Veneto di Scienze, *&c.*
Osservazioni postume di Zoologia Adriatica del Prof. S. A. Renier . . . publicate per cura dell' I. R. Istituto . . . a studio [with an introduction] del . . . Prof. G. Meneghini. *pp. ix, 120* [*2*] *: 16 pls. col.* fol. *Venezia*, 1847.
Printed in double column.
Each plate, except pl. xi, is accompanied by a key plate.

Venice.—Reale Istituto Veneto di Scienze, *&c.*
Catalogo delle dimostrazioni anatomiche del Museo del R. Istituto . . . preparate ed inviate alla Esposizione internazionale . . . in Berlino nel 1880. *See* Berlin.—*Internationale Fischerei-Ausstellung, 1880.* 8⁰. 1880.

Venice.—Reale Istituto Veneto di Scienze, *&c.*
Catalogo delle Collezioni d' Anatomia Comparata del . . . Istituto . . . dalla fondazione Gennaio 1867 all' Aprile, 1900. [By E. F. Trois.] *pp. 199.* 8⁰. *Venezia*, 1900.
Atti R. Istit. Veneto. Tom. LIX.

VENICE.—Regio Istituto Veneto di Scienze, Lettere ed Arti.
See supra, Reale Istituto Veneto di Scienze, *&c.*

VENNE (Cornelis van de) *See* Veen (C. van).

VENNOR (Henry George) [1840–1884] Our Birds of Prey, or the Eagles, Hawks and Owls of Canada, *&c. pp. viii, 154 : 30 photo. pls.* 4⁰. *Montreal*, 1876.

VENTENAT (Étienne Pierre) [1757–1808] Principes de Botanique expliqués au Lycée Républicain. *pp. 223 : 14 pls. col.* 8⁰. *Paris*, An iii [1795].

Ventenat (É. P.) Anfangsgründe der Botanik . . . Frey übersetzt. Durchaus mit Anmerkungen und Zusätzen [by A. von Haller, the younger]. *pp. xvi, 378 : 14 pls.* 8⁰. *Zürich*, 1802.

Ventenat (É. P.) [For Botanical Articles] *See* Encyclopædias. Encyclopédie Méthodique. Botanique. Tom. iv. 4⁰. An iv [1797].

Ventenat (É. P.) Note descriptive sur les Lianes du Chili, *&c. See* France. [*Voyages, &c.—La Pérouse.*] Voyage de La Pérouse autour du Monde, *&c.* Tom. iv. 4⁰. 1797.

Ventenat (É. P.) Descriptive note on the Lianes, or Lardizabalæ of Chili. *See* La Pérouse (J. F. de G.) *Count.* The Voyage of La Pérouse round the World, *&c.* Vol. ii. 8⁰. 1798.

Ventenat (É. P.) Tableau du Règne Végétal, selon la méthode de Jussieu, *&c.* 4 Tom. 8⁰. *Paris*, An vii [1799].

Ventenat (É. P.) Description des Plantes nouvelles et peu connues, cultivées dans le Jardin de J. M. Cels. *100 pls., with descriptive letterpress.* fol. *Paris*, An viii [1800].

Manuscript notes by Dawson Turner, the former owner of the work. A holograph letter from J. M. Cels is inserted at the beginning.

Ventenat (É. P.) Carte Botanique portative. *See* D**. Le Vade-mecum du Botaniste Voyageur aux environs de Paris, *&c.* 12⁰. 1803.

—— [Another edition entitled :] Le Botaniste Voyageur aux environs de Paris. 12⁰. 1807.

Ventenat (É. P.) Choix de Plantes, dont la plupart sont cultivées dans le jardin de Cels. *60 pls., with descriptive letterpress.* fol. *Paris*, 1803.

Ventenat (É. P.) Jardin de la Malmaison, *&c.* 2 Vol. *120 pls. col., with descriptive letterpress.* fol. *Paris*, 1803–04.

VENTIMIGLIA (Luigi) *Count.* Catalogo delle Piante coltivate per cura del Conte L. Ventimiglia. *pp. 16.* 8⁰. *Palermo*, 1854.

VENTURI (Antonio) [1805–1864] Studi Micologici. *pp. x, 56 : 13 pls., col.* 4⁰. *Brescia*, 1842.

Venturi (A.) Nozioni organografiche e fisiologische sopra gli imenomiceti di Montagne. *pp. 30 : 2 pls.* 8⁰. *Brescia*, 1844.

Venturi (A.) I Miceti dell' agro Bresciano descritti ed illustrati. *pp. 48 : 64 pls. col.* fol. *Brescia*, 1845.

Printed in double column.

VENTURI (Gustavo) [1830–1898] & **Bottini** (A.) Enumerazione critica dei Muschi Italiani. *pp. 79.* 4⁰. *Varese*, 1884.

VENTURO (Pedro C.) Los yacimientos de Fierro de Tambo Grande. *pp. 37 : 4 pls., 2 maps, text illust. See* Peru.—*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 8. 8⁰. 1904.

VÉNUS, *French Frigate.* Voyage autour du Monde sur . . . la Vénus, pendant . . . 1836–1839, *&c. See* France. [*Voyages, &c.—Vénus.*] 8⁰. & fol. 1840–64.

VENUS (C. W.) Svensk Botanik, *&c.* Bd. i. *See* Palmstruch (J. W.) 8⁰. 1802.

VENUTI (Antonino) A. Venuti . . . de Agricultura opusculum. [*pp. 79.*] 8⁰. *Venetia*, 1536.

VENYUKOV (Pavel Nikolaevich) [1856–] Fauna Devonskoĭ sistemui syeverozapadnoĭ i tzentral'noĭ Rossii.—Die Fauna des Devonischen Systems im nordwestlichen und centralen Russland. *pp. 291, xvi : 11 pls.* germ. *with* russ. *résumé.* 8⁰. *S. Peterburgh*, 1886.

Venyukov (P. N.) Fauna Devonskikh otlozheniĭ okrestnosteĭ Svinorda.—Ueber die Devon-Fauna von Svinord (Novgor. Gouv.) *pp. 23 : 1 pl.* russ. *with* germ. *résumé. See* St. Petersburg. — sanktpeterburghskoe obshchestvo estestvoispuitateleĭ. Trudui, *&c.* Tom. xx, Otdyel. Gheol. i Mineral. 8⁰. 1889.

VERA Y CHILIER (Francisco Asís de) Memoria sobre la formación de las Rocas de la provincia de Cádiz. *pp. 39. See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. xxviii. 8⁰. 1899–1900.

VERANY (Jean Baptiste) [–1865] [Invertebrata of Genoa.] *See* Genoa. Descrizione di Genova, *&c.* Pt. ii. 8⁰. 1846.

—— [Another edition entitled :] Catalogo degli Animali Invertebrati marini del Golfo di Genova e Nizza [and of the terrestrial Invertebrata of the neighbourhood of Genoa]. *pp. 30 : 3 pls.* 8⁰. *Genova*, 1846.

A reissue of the preceding with the addition of a title-page. The work was distributed at the meeting of the Italian Naturalists at Genoa that year, and is frequently accompanied by two other plates illustrating Cephalopoda described in the "Atti della ottava riunione degli Scienziati Italiani" (1847); *pp. 513–14* [*q.v.*]

Verany (J. B.) Mollusques Méditeranéens . . . Première partie : Céphalopodes, *&c. pp. xvi, 132 : 41 pls. col.* 4⁰. *Gènes*, 1851.

VÉRARDI (Louis) *pseud.* [*i.e.* P. Boitard] Manuel du destructeur des Animaux nuisibles, ou l'art de prendre et de détruire tous les Animaux nuisibles à l'agriculture, *&c. pp. ii, 330 : 2 pls.* 12⁰. *Paris*, 1827.

VERARZANUS (John)
See Verazzani (Giovanni da)

VERATTI (Emilio) Ricerche sul sistema nervoso dei *Limax. pp. 17 : 4 pls. col. See* Milan.—reale istituto lombardo di scienze, &c. Memorie, *&c.* Vol. xviii, fasc. 9. 4⁰. 1900.

VERAZZANI (Giovanni da) Reise und Entdeckungen von Nordamerica. (1523–24.) *See* Arkstee ( ) & Merkus ( ). Allgemeine Historie der Reisen, *&c.* Bd. xv. 4⁰. 1757.

Verazzani (G. da) The Relation of J. Verarzanus . . . of the lande by him discouered, *&c. See* Hakluyt Society. Works, *&c.* No. 7. 8⁰. 1850.

Verazzani (G. da) Voyage . . . along the coast of North America from Carolina to Newfoundland . . . 1524. *See* Hakluyt Society. Works, *&c.* No. 27, appendix. 8⁰. 1860.

VERBAND DER ORNITHOLOGISCHEN VEREINE POMMERNS, *&c.*
Zeitschrift (für Ornithologie . . . Organ) des Verbandes, *&c.* Jahrg. i–xvii. *See* Zeitschrift fuer Ornithologie. 8⁰. (1882–) 1883–93.

VERBEEK (Rogier Diederik Marius) [1845–] Geognostische Kaart van het Oembilien Kolenveld in de Padangsche Bovenlanden Sumatra's Westkust . . . Schaal van 1 : 10,000 [*i.e.* 1 m. = 6⅓ in. about]. 8 sh. *See* Jaarboek van het Mijnwezen in Nederlandsch Oost-Indië. Jaarg. iv, dl. 2. 1874.

Verbeek (R. D. M.) Geologische Kaart van het Oembilien Kolenveld opgenomen door . . . R. D. M. Verbeek . . . Schaal 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. 1 sh. *See* Jaarboek van het Mijnwezen in Nederlandsch Oost-Indië. Jaarg. iv, dl. 2. 1874.

Verbeek (R. D. M.) Ueber die Gliederung der Eocänformation auf der Insel Borneo. *See* Palaeontographica, *&c.* Supplement. Bd. iii, lief. 1. Die Eocänformation von Borneo, *&c.* 4⁰. 1875.

Verbeek (R. D. M.) Description of a collection of Fossil Shells, Corals, &c., &c. from Sumatra . . . The specimens were obtained by . . . R. D. M. Verbeek, *&c.* *See* Woodward (H.) 4⁰. 1879.

Verbeek (R. D. M.) Geologische Notizen über die Inseln des Niederländisch-Indischen Archipels im Allgemeinen und über die fossilführenden Schichten Sumatra's im Besonderen. *See* Palaeontographica, *&c.* Supplement. Bd. iii, lief. 8. 4⁰. 1880.

Verbeek (R. D. M.) Topographische en Geologische Kaart van Zuid-Sumatra . . . Schaal 1 : 500,000 [*i.e.* 1 in. = 8 m. about] door . . . R. D. M. Verbeek. 4 sh. *See* Jaarboek van het Mijnwezen in Nederlandsch Oost-Indië. Jaarg. x, dl. 1. 1880.

Verbeek (R. D. M.) Geologische Aanteekeningen over de Eilanden van den Nederlandsch-Indischen Archipel in het algemeen, en over de fossielhoudende Lagen van Sumatra in het bijzonder, *&c.* *pp. 27 : 1 pl.* *See* Amsterdam. — Koninklijke Akademie van Wetenschappen. Verhandelingen, *&c.* Dl. xxi. 4⁰. 1881.

Verbeek (R. D. M.) Over de Dikte der tertiaire Afzettingen op Java. *pp. 11 : 3 pl.* *See* Amsterdam. — Koninklijke Akademie van Wetenschappen. Verhandelingen, *&c.* Dl. xxiii. 4⁰. 1883.

Verbeek (R. D. M.) Topographische en Geologische Beschrijving van een gedeelte van Sumatra's Westkust. *pp. xx, 674.* Atlas, *30 pls. (3 col.), 9 maps (8 geol. col.)* 8⁰. & fol. *Batavia & Amsterdam*, 1883.

Verbeek (R. D. M.) Krakatau. *pp. xl, 567.* Album, *pp. 9 : 25 pls. col., 43 maps & sections.* 8⁰. & obl. fol. *Batavia & Bruxelles*, 1885–86.

Verbeek (R. D. M.) Die Fossilien von Java auf Grund einer Sammlung von . . . R. D. M. Verbeek bearbeitet durch . . . K. Martin . . . Hft. 1 : Die Foraminiferen führenden Gesteine. (Hft. 2–10 Mollusken.) *See* Leyden. — Geologisches Reichs-Museum. Sammlungen des . . . Museums . . . Neue Folge, *&c.* Bd. i. 4⁰. 1891–1906.

—— [Another issue:] Hft. 2–5 (Mollusken Hft. 1–4). 4⁰. 1895.

Without any indication of its origin.

Verbeek (R. D. M.) Over de Geologie van Ambon. *pp. 26 : 1 pl.* *See* Amsterdam. — Koninklijke Akademie van Wetenschappen. Verhandelingen . . . Tweede Sectie. Dl. vi, no. 7. 8⁰. 1899.

Verbeek (R. D. M.) Over der Geologie van Ambon (ii.) *pp. 9 : text illust.* *See* Amsterdam. — Koninklijke Akademie van Wetenschappen. Verhandelingen . . . Tweede Sectie. Dl. vii, no. 5. 8⁰. 1900.

Verbeek (R. D. M.) & **Fennema** (R.) Nieuwe Geologische Ontdekkingen op Java, *&c.* *pp. 32 : 1 pl.* *See* Amsterdam. — Koninklijke Akademie van Wetenschappen. Verhandelingen, *&c.* Dl. xxi. 4⁰. 1880.

Verbeek (R. D. M.) & **Fennema** (R.) Description Géologique de Java et Madoura. 2 vol. & Atlas. 8⁰. *Amsterdam*, 1896.

VERBIEST (Ferdinand) History of the two Tartar Conquerors of China, including the two Journeys into Tartary of Father F. Verbiest . . . from the French of Père P. J. d'Orléans, *&c.* *See* Hakluyt Society. Works, *&c.* No. 17. 8⁰. 1854.

VERDET (Marcel Émile) [1824–1866] Œuvres, *&c.* 8 Tom. *illust.* 8⁰. *Paris*, 1868–75.

Tom. i Notes et mémoires . . . précédés d'une Notice par M. A. De La Rive. *pp. xxviii, 390.* 1872.
,, ii. } Cours de Physique . . . publié par M. É. Fernet. 2 Tom.
,, iii. } 1868, 69.
,, iv. Conférences de Physique . . . publiées par M. D. Gernez. *pp. xi, 1050.* 2 Pt. 1872, 75.
,, v. } Leçons d'Optique Physique . . . publiées par M. A.
,, vi. } Levistal. 2 Tom. 1869, 72.
,, vii. } Théorie mécanique de la Chaleur . . . publiée par
,, viii. } MM. Prudhon et Violle. 2 Tom. 1868, 72.

Verdet (M. É.) *See* Annales de Chimie et de Physique . par . . . Verdet. Sér. III, tom. xxxvii—IV, tom. vi. 8⁰. 1853–65.

VERDRIES (Johann Melchior) [1679–1735] De Succi nutritii in Plantis circuitu . . . præside D. J. M. Verdries . . . Publicè disseret J. C. Franck, *&c.* *pp.* [*v,*] *33 : 1 pl.* 4⁰. *Giessæ*, 1707.

VEREENIGING TOT BEVORDERING DER INLANDISCHE ICHTHYOLOGIE. *See* Arnhem.

VEREENIGING TOT REGELING EN VERBETERING VAN DEN VRUCHTSOORTEN. *See* Boskoop.

VEREENIGING VOOR DE NEDERLANDSCHE FLORA. *See* Leyden.

VEREIN DER FREUNDE DER NATURGESCHICHTE IN MECKLENBURG. *See* Mecklenburg.

VEREIN DES KRAINISCHEN LANDESMUSEUMS. *See* Laibach. — Musealverein fuer Krain.

VEREIN DEUTSCHER FORSTLICHER VERSUCHSANSTALTEN. *See* Berlin.

VEREIN FUER DIE DEUTSCHE NORDPOLARFART. *See* Bremen. — Geographische Gesellschaft.

VEREIN FUER ERDKUNDE ZU DARMSTADT. *See* Darmstadt.

VEREIN FUER ERDKUNDE ZU DRESDEN. *See* Dresden.

VEREIN FUER ERDKUNDE ZU LEIPZIG. *See* Leipsic.

VEREIN FUER KUNDE DER NATUR UND DER KUNST IM FUERSTENTHUM HILDESHEIM UND IN DER STADT GOSLAR. (Museums-Verein.) *See* Hildesheim.

VEREIN FUER NATUR- UND HEILKUNDE ZU PRESBURG. *See* Presburg.

VEREIN FUER NATURKUNDE IM HERZOGTHUM NASSAU. *See* WIESBADEN.—NASSAUISCHER VEREIN FUER NATURKUNDE.

VEREIN FUER NATURKUNDE ZU CASSEL. *See* CASSEL.

VEREIN FUER NATUR-KUNDE ZU PRESBURG. *See* PRESBURG.

VEREIN FUER NATURKUNDE ZU ZWICKAU. *See* ZWICKAU.

VEREIN FUER NATURWISSENSCHAFT ZU BRAUNSCHWEIG. *See* BRUNSWICK.

VEREIN FUER NATURWISSENSCHAFTLICHE UNTERHALTUNG ZU HAMBURG. *See* HAMBURG.

VEREIN FUER SCHLESISCHE INSEKTENKUNDE. *See* BRESLAU.

VEREIN FUER SIEBENBUERGISCHE LANDESKUNDE. *See* HERMANNSTADT.

VEREIN FUER VATERLAENDISCHE GESCHICHTE, STATISTIK UND TOPOGRAPHIE. *See* VIENNA.

VEREIN FUER VATERLAENDISCHE NATURKUNDE IN WUERTTEMBERG. *See* STUTTGART.

VEREIN LUXEMBURGER NATURFREUNDE. *See* LUXEMBURG.—"FAUNA," *&c.*

VEREIN VON FREUNDEN DER ERDKUNDE ZU LEIPZIG. *See* LEIPZIG.—VEREIN FUER ERDKUNDE.

VEREIN ZUR BEFOERDERUNG DES GARTENBAUES IN DEN KOENIGLICH-PREUSSISCHEN STAATEN. *See* BERLIN.

VEREIN ZUR VERBREITUNG NATURWISSENSCHAFTLICHER KENNTNISSE IN WIEN. *See* VIENNA.

VEREINIGUNG DER VERTRETER DER ANGEWANDTEN BOTANIK. [Founded 1902.] Jahresbericht, *&c.* Jahrg. I→ 8⁰. *Berlin*, 1904→
The society meets each time at a different place.

VERGA (ANDREA) Sulla Vita e sugli Scritti de B. Panizza, *&c.* *pp. 59.* *See* MILAN.—REALE ISTITUTO LOMBARDO DI SCIENZE E LETTERE. Memorie, *&c.* Vol. XI. 4⁰. 1870.

VERGARA (MARIANO) Bibliografia de la Rosa. *pp. 318.* 8⁰. *Madrid*, 1892.
The alternate pages are left blank for notes.

VERGILIUS (MARCELLUS) P. Dioscoridæ . . . de Medica Materia libri sex a M. Virgilio . . . Latinitate donati, *&c.* *See* DIOSCORIDES (P.) fol. 1523.

Vergilius (M.) Π. Διοσκορίδου . . . περι ὑληςιατρικης. βιβλια É . . . Interprete M. Vergilio. Ejusdem M. Vergilii . . . Commētarii, *&c.* GR. & LAT. *See* DIOSCORIDES (P.) fol. 1529.

VERHAEGHE (LOUIS) [1811–1870] Recherches sur la cause de la Phosphorescence de la Mer, dans les parages d'Ostende, *&c.* *pp. 31 : 1 pl.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés, *&c.* Tom. XXII. 4⁰. 1848.

VERHEIJEN (J. B. A. J. M.) **& others.** Rapport over de inrigting van eenige voorname Musea van Natuurlijke Historie in het Buitenland naar aanleidung van de voorgenomen stichting van een nieuw gebouw voor 's Rijks Museum te Leiden uitgebragt door de Commissie benoemd, *&c.* *pp. viii, 204 : 19 pls.* 8⁰. *Leiden*, 1878.

VERHOEFF (CARL WILHELM) Blumen und Insekten der Insel Norderney und ihre Wechselbeziehungen, ein Beitrag zur Insekten-Blumenlehre und zur Erkenntniss biologischer und geographischer Erscheinungen auf den Deutschen Nordseeinseln. *pp. 172 : 3 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXI, no. 2. 4⁰. 1893 (1894).

Verhoeff (C. W.)
Beiträge zur Kenntniss paläarktischer Myriopoden. XVI. Aufsatz : Zur vergleichenden Morphologie, Systematik und Geographie der Chilopoden. *pp. 105 : 3 pls., text illust.*
Ueber den Häutungsvorgang der Diplopoden. *pp. 18 : 1 pl.*
See ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXXVII, no. 5 & 6. 4⁰. 1901.

Verhoeff (C. W.)
Beiträge zur vergleichenden Morphologie des Thorax der Insekten mit Berücksichtigung der Chilopoden. *pp. 47 : 7 pls.*
Ueber Tracheaten-Beine. Vierter und fünfter Aufsatz : Chilopoda und Hexapoda. *pp. 41 : 4 pls. (col.)*
Ueber die Endsegmente des Körpers der Chilopoden, Dermapteren und Japygiden und zur Systematik von *Japyx.* *pp. 41 : 2 pls.*
See ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXXXI, no. 2, 4 & 5. 4⁰. 1902–3.

Verhoeff (C. W.) Zur vergleichenden Morphologie und Systematik der Embiiden, zugleich 3. Beitrag zur Kenntnis des Thorax der Insekten. *pp. 64 : 4 pls. (col.)* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Vol. LXXXII, no. 2. 4⁰. 1904.

Verhoeff (C. W.) Ueber vergleichende Morphologie des Kopfes niederer Insekten mit besonderer Berücksichtigung der Dermapteren und Thysanuren, nebst biologisch-physiologischen Beiträgen. *pp. 126 [2] : 8 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXXXIV, no. 1. 4⁰. 1904 (1905).

Verhoeff (C. W.) Ueber die Entwicklungsstufen der Steinläufer, Lithobiiden, und Beiträge zur Kenntnis der Chilopoden. *See* ZOOLOGISCHE JAHRBUECHER. Supplement-Band VIII, *&c.* 8⁰. 1905.

Verhoeff (C. W.) Vergleichend-morphologische Studie über die coxopleuralen Körperteile der Chilopoden, mit besonderer Berücksichtigung der Scolopendromorpha, *&c.* *pp. 152 : text illust.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXXXVI, no. 2. 4⁰. 1906.

Verhoeff (C. W.) Ueber Diplopoden. 11.–15. Aufsatz (31.–35.) : Beiträge zur Kenntnis der Glomeriden, Juliden, Ascospermorpha und Lysiopetaliden, sowie zur Fauna Siziliens, *&c.* *pp. 448 : 9 pls., text illust.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XCII, no. 2. 4⁰. 1910.
Earlier portions of the Memoir appeared in the "Mitteilungen des Berliner zoologischen Museums," and in the "Zoologischer Anzeiger."

Verhoeff (C. W.) Die Diplopoden Deutschlands zusammenfassend bearbeitet, *&c.* Lief. I→ *illust.* 8⁰. *Leipzig* [1911→].
Title from wrapper.

VERHOEVEN (PIETER) Reise nach Ostindien [Johore and Japan, 1607-11]. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. VIII. 4⁰. 1751.

VER-HUELL (QUIRIJN MAURITS RUDOLPH) Goodenovicae . . . proposuit G. H. de Vriese. Figuris illustravit Q. M. R. Ver Huell, *&c. pp. 194 : 38 pls.* *See* HAARLEM. — HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. x. 4⁰. 1854.

Ver-Huell (Q. M. R.) [For descriptions of the Lepidoptera of the Netherlands] *See* SEPP (C.) Beschowwing Wonderen Gods, *&c.* Deel VIII. 4⁰. [1855-60.]

VERITY (ROGER) Rhopalocera Palæarctica; iconographie et description des Papillons Diurnes de la région paléarctique. *pp. lxxxvi, 368 : 2 maps (1 col.)* Atlas, *pp. xii : 86 pls. (col.)* 4⁰. *Florence*, 1905-11.

VERKRUEZEN (T. A.) Norwegen, seine Fjorde und Naturwunder. Eine naturwissenschaftliche Reise unternommen im Sommer 1871. *pp. vi [ii,] 188 : 1 pl., text illust.* 8⁰. *Cassel*, 1872.

VERLOREN (HENRICUS) H. Verloren . . . responsio ad quæstionem zoölogicam . . . "Quæritur Insectorum Lepidopterorum, quæ in opere Crameri : Les Papillions exotiques des trois parties du monde, etc., ejusque supplemento descripta et delineata sunt, catalogus, continens enumerationem systematicam specierum, in sua genera redactarum, secundum methodum . . . Latreille, in posteriore editione Cuvierii operis : Le Règne Animal, etc., expositam." *pp. 280.* *See* UTRECHT.—RIJKS-UNIVERSITEIT. Annales, *&c.* 1836-7. 8⁰. 1837.

VERLOREN (MARGARETUS CORNELIUS) [1816-] M. C. Verloren . . . Responsio ad quæstionem . . . "Organorum generationis structura in iis Molluscis, quæ Gasteropoda-pneumonica a Cuvierio dicta sunt . . . sententiæ," *&c. pp. 64 : 7 pls. (col.)* *See* LEYDEN.—RIJKS-UNIVERSITEIT. Annales, *&c.* 1836-7. 4⁰. 1838.

—— [Preprint entitled :] M. C. Verloren . . . Commentatio de organis generationis in Molluscis Gasteropodis Pneumonicis, *&c.* 4⁰. *Lugduni Batavorum*, 1837.
Differs from the preceding issue solely in having an additional title-page.

Verloren (M. C.) Mémoire en réponse à la question suivante : Éclaircir par des observations nouvelles le phénomène de la circulation dans les Insectes, en recherchant si on peut la reconnaître dans les Larves des différents ordres de ces Animaux, *&c. pp. 96 : 7 pls. col.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés, *&c.* Tom. XIX. 4⁰. 1847.

Verloren (M. C.) Verslag van de zesde algemeene vergadering der . . . Vereeniging. *See* HAGUE, THE.—NEDERLANDSCHE ENTOMOLOGISCHE VEREENIGING. 8⁰. [1850.]

Verloren (M. C.) Tijdschrift voor Entomologie. Uitgegeven . . . onder redactie van . . . M. C. Verloren, *&c.* Deel I-III. *See* HAGUE, THE.—NEDERLANDSCHE ENTOMOLOGISCHE VEREENIGING. 8⁰. 1858-60.

VERLOT (BERNARD) *See* VERLOT (PIERRE B. LAZARE).

VERLOT (JEAN BAPTISTE) [1816-1891] Catalogue des Plantes cultivées au Jardin Botanique de la Ville de Grenoble, en 1856 . . . suivi de l'indication des localités ou croissent, dans l'arrondissement de Grenoble, quelques espèces à ajouter à la flore de cette contrée. *pp. [iv,] 100.* 4⁰. *Grenoble*, 1857.

Verlot (J. B.) Sur la production et la fixation des variétés dans les Plantes d'ornement. *pp. 102.* 8⁰. *Paris, &c.*, 1865.
Journ. Soc. cent. & imp. Horticult. Tom. x, 1864.

Verlot (J. B.) Catalogue raisonné des Plantes Vasculaires du Dauphiné. *pp. viii, 408.* 8⁰. *Grenoble*, 1872.
Bull. Soc. statistique Isère Grenoble. Sér. III, tom. III.

VERLOT (PIERRE BERNARD LAZARE) [1836-1897] [Le Guide du Botaniste Herborisant, *&c.* 8⁰. *Paris*, 1865.]
Wanting.

—— Deuxième édition . . . avec une introduction par M. Naudin, *&c. pp. xiv, 740 : 1 pl., text illust.* 8⁰. *Paris*, 1879.

Verlot (P. B. L.) La Flore au point de vue horticole en France. *See* ROTHSCHILD (J.) Botanique Populaire Illustrée, *&c.* 4⁰. [1885.]

VERMILLION.—University of South Dakota. —*South Dakota Geological Survey.* Bulletin I & II.† 8⁰. *Sioux Falls & Vermillion*, 1895, 98.

VERMONT, *State of.* Preliminary Report on the Natural History of the State of Vermont. By A. Young, *&c. pp. 88.* 8⁰. *Burlington*, 1856.

VERMONT, *State of.*—GEOLOGICAL SURVEY. Annual Report . . . By C. B. Adams. No. 1-3. 8⁰. *Burlington*, 1845-47.
Wanting No. 4.

Vermont, *State of.*—GEOLOGICAL SURVEY. Report of the State Geologist (G. H. Perkins) on the Mineral Industries and Geology of certain areas of Vermont, *&c.* 1901-02→ 8⁰. *Albany, New York*, 1902→
Report No. 3→ of this Series.

Vermont, *State of.*—GEOLOGICAL SURVEY. Report on the Geology of Vermont . . . by E. Hitchcock, E. Hitchcock, Jr., A. D. Hager, C. H. Hitchcock. *pp. 988 : 33 pls. (col.), 5 maps (1 plain).* 2 Vol. 4⁰. *Claremont, N.H.*, 1861.

VERMONT, *State of.* [*Maps.*] A Topographical Map of the State of Vermont . . . By . . . W. Blodget. [Scale 1 in. = 4⅓ m. about.] s.sh. *Newhaven*, 1789.

VERNADSKIĬ (VLADĪMIR ĪVANOVĪCH) [1863-] Yavleniya skol'zheniya krīstallīcheskagho veshchestva. [The phenomena of gliding planes in crystalline substances.] *pp. iii, iii, 182 : 2 pls.* *See* MOSCOW.—ĪMPERATORSKIĬ MOSKOVSKIĬ UNĪVERSĪTET. Uchenuiya Zapīskī, *&c.* Vuip. XIII, no. 3. 8⁰. 1897.

Vernadskiĭ (V. Ī.) Opuit opīsatel'noĭ Mīneralogiĭ. [Essay on descriptive Mineralogy.] Tom. I→ 8⁰. *S.-Peterburgh*, 1908→

VERNEAU (RENÉ) [1852-] Le Bassin dans les Sexes et dans les Races. *pp. 156, 3 tab. : 16 pls.* 8⁰. *Paris*, 1875.

Verneau (R.) Les Âges de la Pierre et du Bronze dans les pays des Bahnars, des Sédangs, des Reungaos et dans l'arrondissement de Bienhoa. *See* PAVIE (A.) Mission Pavie Indo-Chine, *&c.* 4⁰. 1904.

VERNER (WILLIAM WILLOUGHBY COLE) [1852-] Letters from Wilder Spain . . . A mysterious Cave. I-VI. 4⁰. *London*, 1911.
A series of cuttings from "The Saturday Review," Sept. 16, 23, 30; & Oct. 7, 14, 21.

VERNEUIL (AUGUSTE VICTOR LOUIS) [1856-] Mémoire sur la reproduction artificielle du Rubis par fusion. *pp. 30 : text illust.* 8⁰. *Paris*, 1904.
Ann. Chimie & Physique. Sér. VIII, tom. II.

VERNEUIL (Philippe Edouard Poulletier de) [1805–1873] Note sur quelques Brachiopodes de l'Île de Gothland.—Note sur quelques espèces de *Leptæna* à crochet perforé. *See* Davidson (T.) Mémoire sur les Brachiopodes du système Silurien supérieur d'Angleterre, *&c.* 8⁰. 1848.

Verneuil (P. É. P. de) Faunes du Terrain de Transition [of Asia Minor].—Énumération des fossiles Dévoniens recueillis . . . dans les environs de Constantinople, *&c.* *See* Tchihatcheff (P. de) Asie Mineure, *&c.* Pt. iv. Paléontologie. 8⁰. & 4⁰. 1866 & 1869.

Verneuil (P. É. P. de) & **Archiac** (J. A. D. de St. S. d') *Viscount.* Sur la Faune Dévonienne des rives du Bosphore. *See* Tchihatcheff (P. de) Asie Mineure, *&c.* Pt. iv. Paléontologie. Appendice. 8⁰. 1869.

Verneuil (P. É. P. de) & **Barrande** (J.) Description des Fossiles trouvés dans les terrains Silurien et Dévonien d'Almaden, *&c.* *See* Prado (C. de) Mémoire sur la Géologie d'Almaden, *&c.* 8⁰. 1855.

Verneuil (P. É. P. de) & **Collomb** (E.) Coup d'œil sur la constitution géologique de plusieurs provinces de l'Espagne . . . suivi d'une description de quelques ossements fossiles du terrain Miocène par P. Gervais. *pp. 107 : 4 pls. (1 col.), text illust.* 4⁰. *Paris*, 1853.

Bull. Soc. Géol. France. Sér. II, tom. x.
Large paper copy.

Verneuil (P. É. P. de) & **Lorière** (G. de) Description des Fossiles du Néocomien supérieur de Utrillas et ses environs (province de Teruel). Livr. i.† Matériaux pour la Paléontologie de l'Espagne. *pp. vii, 30 : 3 pls.* 4⁰. *Le Mans*, 1868.

Verneuil (P. É. P. de) & **others.** The Geology of Russia in Europe and the Ural Mountains. (Géologie de la Russie, *&c.*) *See* Murchison (*Sir* R. I.) *Bart., & others.* 4⁰. 1845.

Verneuil (P. É. P. de) & **others.** Note sur les Progrès de la Géologie en Espagne pendant . . . 1854; par M. de Verneuil, et MM. Collomb et De Lorière. *pp. 18.* 8⁰. *Caen*, 1855.

Annuaire Instit. Provinces. 1855.

VERNHOUT (Johannes Hendrik) & **Vosmaer** (G. C. J.) The Porifera of the Siboga-Expedition [to the Dutch East Indies]. i. The genus *Placospongia.* *See* Weber (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. vi^a. 4⁰. 1902.

VERNON (Francis) [1637?–1677] A Collection of . . . Travels & Voyages . . . containing . . . the observations of . . . Mr. Vernon, *&c.* *See* Ray (J.) 8⁰. 1693.

—— Second edition, *&c.* 8⁰. 1738.

VÉRON (Eugène) [1825–1889] **& others.** Dictionnaire des Sciences Anthropologiques . . . Publié sous la direction de . . . E. Véron, *&c.* *See* Bertillon (A.) *& others.* 8⁰. [1884–89.]

VERRALL (George Henry) [1847?–1911] [Diptera from Kerguelen Island.] *See* Royal Society of London. Philosophical Transactions, *&c.* Vol. clxviii. 4⁰. 1879.

Verrall (G. H.) A List of British Diptera. 3 Pt. [in 1 Vol.] 4⁰. *London*, 1888.

Printed in triple column. Interleaved copy.

—— Second edition. *pp. 47.* 4⁰. *London*, 1901.

Verrall (G. H.) British Flies. Vol. v & viii. 8⁰. *London* (1900–) 1901–09.

Vol. v. Stratiomyidæ and succeeding families of the Diptera Brachycera of Great Britain. *pp. [vi,] 780 : 1 port., text illust.* 1909.
,, ,, Systematic List of the Palæarctic Diptera Brachycera, *&c.* *pp. 34.* 1909.
,, viii. Platypezidæ, Pipunculidæ, and Syrphidæ of Great Britain. *pp. [i,] 691 : 1 port., text illust.* 1901.
,, ,, Catalogue of the Platypezidæ (—Pipunculidæ.—Syrphidæ) of the European district, with references and synonymy. *pp. 121.* 1900

VERREAUX (Jean Baptiste Édouard) [1810–1868] Catalogue des Oiseaux disponibles dans la maison d'É. Verreaux. *pp. 57.* 4⁰. *Paris*, 1868.

Lithographed.
The title on the printed wrapper reads:—"Catalogue de la Collection Ornithologique de la Maison É. Verreaux."

Verreaux (Jean B. É.) Catalogue des Oiseaux qui se trouvent en ce moment dans mes magasins. *pp. 50.* 8⁰. *Paris* [ ].

Verreaux (Jean B. É.) & **Mulsant** (M. É.) Histoire naturelle des Oiseaux-Mouches. 4 Vol. *See* Mulsant (M. É.) & Verreaux (J. B. É.) 4⁰. 1874–77.

Verreaux (Jean B. É.) **& others.** Essai d'une classification méthodique des Trochilidés, *&c.* *See* Mulsant (M. É.) *& others.* 8⁰ 1866.)

VERREAUX (Jules) [1807–1873] Note sur . . . des Oiseaux [of Reunion]. *See* Maillard (L.) Notes sur l'Île de la Réunion, *&c.* Pt. ii. 8⁰. 1862.

—— Deuxième édition. 8⁰. 1863.

Verreaux (Jules) Catalogue des Mammifères (—des Oiseaux). *See* Vinson (A.) Voyage à Madagascar, *&c.* Annexe a–b. 8⁰. 1865.

Verreaux (Jules) Description de quelques Oiseaux nouveaux appartenant à la collection zoologique du Muséum. *pp. 8 : 3 pls. col.* 4⁰. [*Paris*, 1867.]

Nouv. Archiv. Mus. Hist. Nat. Paris. Tom. iii. (Bull.)

Verreaux (Jules) Description de quelques nouvelles espèces d'oiseaux. 4⁰. [*Paris*, 1868.]

Nouv. Archiv. Mus. Hist. Nat. Paris. Tom. iv (Bull.), *pp. 85–89 : 2 pls. col.*

Verreaux (Jules) & **Des Murs** (M. A. P. Œ.) Description d'Oiseaux nouveaux de la Nouvelle-Calédonie et indication des espèces déjà connues de ce pays. *pp. 27 : 1 pl. col.* 8⁰. [*Paris*, 1860.]

Rev. & Mag. Zool. Paris. Sér. II, tom. xii.

Verreaux (Jules) **& others.** Essai d'une classification méthodique des Trochilidés, *&c.* *See* Mulsant (M. É.) *& others.* 8⁰. (1866.)

VERRI (Antonio) [1839–] Alcune linee sulla Val di Chiana e Luoghi adiacenti nella Storia della Terra. *pp. 100 : 1 pl., 1 map col.* 8⁰. *Pavia*, 1876.

Verri (A.) Studi Geologici sulle Conche di Terni e di Rieti. ([Appendix] Contributo allo studio della Fauna Liassica dell'Apennino centrale dell C. F. Parona.) *pp. 114 : 4 pls. (2 col.)* 4⁰. *Roma*, 1883.

Atti R. Accad. Lincei Roma. Ser. III, (Mem.) vol. xv.

VERRIET-LITARDIÈRE (Charles) Étude sur les Aconits. Thèse, *&c.* *pp. 45.* 4⁰. *Montpellier*, 1873.

VERRILL (Addison Emory) [1839–] The Rules of Zoological Nomenclature . . . Drawn up by . . . H. E. Strickland . . . With notes by A. E. Verrill. *See* Strickland (H. E.) 8⁰. [1869.]

Verrill (A. E.) The external and internal Parasites of Man and Domestic Animals: their effects and remedies. *pp. 1–140 and 321–342: text illust.* 8⁰. (*Hartford, Conn.*, 1870.)

Title from wrapper.
Consists of two (or three?) papers extracted from the "Report of the Connecticut Board of Agriculture" for 1870.

Verrill (A. E.) Report upon the collections of fresh-water Leeches made in portions of Nevada, Utah, Colorado, New Mexico, and Arizona, during . . . 1872–74. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v, chap. 16. 4⁰. 1875.

Verrill (A. E.) [Annelids and Echinoderms from Kerguelen Island.] *See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 3. 8⁰. 1876.

—— [Another issue.] *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. XIII, art. 3. 8⁰. 1876 (1878).

Verrill (A. E.) [Annelides, Molluscoids and Radiates collected in Cumberland Gulf, *&c.*] *See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 15. 8⁰. 1879.

—— [Another issue.] *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. XXIII, art. 5. 8⁰. 1879 (1882).

Verrill (A. E.) The Cephalopods of the North-Eastern Coast of America. 2 Pt. 4⁰. *New Haven, Conn.*, 1879–80.

Trans. Connecticut Acad. Sci. Vol. v.

Verrill (A. E.) The Bermuda Islands. An account of their Scenery . . . Natural History and Geology, with sketches of their discovery and early history, and the changes in their Flora and Fauna due to Man. *pp. x, 548: 40 pls., text illust.* 8⁰. *New Haven, Conn.*, 1902.

Reprinted from the "Trans. Connecticut Acad. Sci.," Vol. XI, with some changes.

Verrill (A. E.) Monograph of the shallow-water Starfishes of the North Pacific coast from the Arctic Ocean to California. *See* WASHINGTON ACADEMY OF SCIENCES. Alaska: giving the Results of the Harriman Alaska Expedition, *&c.* Vol. XIV. 8⁰. 1914.

VERSAILLES. Receüil d'Oyseaux les plus rares tirez de la Menagerie, *&c.* *See* ROBERT (N.) obl. fol. 1676.

—— [Suite.] obl. fol. [1676.]

Versailles. Nomenclature raisonnée des espèces, variétés et sous-variétés du genre Rosier, observées au Jardin royal des Plantes, dans ceux de Trianon, *&c.* *See* PRONVILLE (A. DE). 8⁰. 1818.

VERSAILLES. — Institut National Agronomique.
Annales . . . Recueil des notices, d'observations et de recherches sur l'enseignement et la culture à l'Institut. *pp. 418: 6 pls., 1 plan.* 4⁰. *Paris*, 1852.

This contains a paper by A. Focillon entitled: "Études sur les Insectes qui nuisent aux Colzas."

VERSAILLES. — Société des Sciences Naturelles et Médicales de Seine-et-Oise. [Founded 1832.]
Mémoires (Compte-Rendu), *&c.* Vol. I→ 1835→ 8⁰. *Versailles & Paris*, 1835→

VERSCHAFFELT (AMBROISE) Nouvelle Iconographie des Camellias, contenant les figures et la description des plus rares, des plus nouvelles et des plus belles variétés de ce genre. (Éditeur A. Verschaffelt.) 12 Tom. [in 6], *illust. col.* 4⁰. *Gand*, 1848–60.

Verschaffelt (A.) *See* ILLUSTRATION HORTICOLE, L' . . . publié par A. Verschaffelt. Vol. I–XVI. 4⁰. 1854–69.

VERSLUYS (JAN) Die Gorgoniden der Siboga-Expedition. 2 Pt. *illust.* *See* WEBER (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monographs XIII & XIIIa. 4⁰. 1902 & 1906.

Versluys (J.) Die Alcyoniden der Siboga-Expedition . . . II. *Pseudocladochonus Hicksoni*, n. g., n. sp. *See* WEBER (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. XIIIc. 4⁰. 1907.

VERSTEGAN alias **Rowlands** (RICHARD) [fl. 1565–1620] A Restitution of decayed intelligence: In Antiquities. Concerning the most noble and renowmed [*sic*] English nation. By . . . R. V., *&c.* *pp. [xxiv,] 338 [xi]: 1 pl., text illust.* 4⁰. *Antwerp*, 1605.

VERSTER (F. A.) *See* NEDERLANDSCH TIJDSCHRIFT VOOR LIEFHEBBERS DER JAGT & VISSCHERIJ onder redactie van F. A. Verster. Jahrg. VII–VIII, afl. I. 8⁰. 1859–60.

VERSTER VAN WULVERHORST (A. H.) *See* NEDERLANDSCH TIJDSCHRIFT VOOR LIEFHEBBERS DER JAGT & VISSCHERIJ onder redactie van Verster van Wulverhorst. Jahrg. III–VI. 8⁰. 1855–58.

Verster van Wulverhorst (A. H.) Over den Eenhorn. *pp. 12: 2 pls.* *See* AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 8. 4⁰. 1859.

Verster van Wulverhorst (A. H.) & **Schlegel** (H.) Traité de Fauconnerie. *See* SCHLEGEL (H.) & VERSTER VAN WULVERHORST (A. H.) fol. 1844.

VERSUCHSSTATION FUER ZUCKERROHR IN WEST-JAVA. *See* KAGOK.

VERTEUIL (LOUIS ANTOINE AIMÉ DE) *See* DE VERTEUIL.

VERTHEMA (LUDOVICO) *See* VARTHEMA.

VERWORN (MAX) [1863–] Die Lokalisation der Atmung in der Zelle. *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. XI. 4⁰. 1904.

Verworn (M.) Die archæolithische Cultur in den Hipparionschichten von Aurillac (Cantal). *pp. 56: 5 pls., text illust.* *See* GOTTINGEN.—KOENIGLICHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Neue Folge, Bd. IV, no. 4. 4⁰. *Berlin*, 1905.

VERZASCHA (BERNHARD) [1629–1678] Neu vollkommenes Kräuter-Buch . . . verbessert und vermehret von B. Verzascha, *&c.* *See* MATTIOLI (P. A.) fol. 1678.

Verzascha (B.) Theatrum Botanicum . . . vermehret und verbessert durch T. Zvingerum, *&c.* *See* ZWINGER (T.) *the Younger.* fol. 1696.

—— [Another edition entitled:] T. Zuingeri . . . Theatrum Botanicum, *&c.* fol. 1744.

VESALIUS (ANDREAS) [1514–1564] Carta de A. Vesalio . . . en que trata de la dosis y método de administrar el cocimiento de la raiz de China, *&c.* *See* RUIZ LOPEZ (H.) Memoria sobre las virtudes y usos de la raiz de Purhampuy, *&c.* 4⁰. 1821.

VESELÝ (JINDŘICH) Ovogenetické studie. Část I→ *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1912, no. 15. 8⁰. 1913.

VESLING (JOHANNES) [1596–1649] J. Veslingii . . . de Plantis Ægyptiis observationes et notæ ad P. Alpinum cum additamento aliarum ejusdem regionis. *See* ALPINUS (P.) P. Alpini de Plantis Ægypti liber . . . editio altera. 1638 (1640).

—— [Another edition.] *See* ALPINUS (P.) P. Alpini . . . Historiæ Ægypti Naturalis pars secunda, *&c.* 4⁰. 1735.

Vesling (J.) J. Veslingii . . . Paræneses ad rem Herbariam publicis Plantarum ostensionibus præmissæ.—Opobalsami veteribus cogniti vindiciæ. *See* ALPINUS (P.) P. Alpini . . . Historiæ Ægypti Naturalis pars secunda, *&c.* 4⁰. 1735.

VESOUL.—Société d'Agriculture, Sciences & Arts de la Haute-Saone. [Founded 1801.]
Catalogues du Musée de la Société . . . 2ᵉ. supplement. *See* PETITCLERC (P.) 8⁰. 1880.

VESPUCCI (AMERIGO) [1451–1512] Duæ navigationes [1497 and 1499] . . . sub auspiciis Castellani Regis. *See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*America.* Pt. x—*Latin.*] Americæ pars decima, *&c.* fol. 1619.

Vespucci (A.) Voyages . . . to the New World. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. III. 8⁰. 1824.

Vespucci (A.) The Letters of Amerigo Vespucci and other documents illustrative of his career. Translated, with notes and an introduction, by C. R. Markham. *See* HAKLUYT SOCIETY. Works, *&c.* No. 90. 8⁰. 1894.

Vespucci (A.) The voyage from Lisbon to India 1505–6, being an account and journal by Albericus Vespuccius. Translated from the contemporary Flemish, *&c.* *See* COOTE (C. H.) 8⁰. 1894.

VESPUCIUS (AMERICUS) *See* VESPUCCI.

VESPUTIO (AMERICO) *See* VESPUCCI.

VESQUE (JULIEN) [1848–1895] Catalogue de la Bibliothèque de . . . J. Decaisne . . . classé par M. J. Vesque, *&c.* *See* DECAISNE (J.) 8⁰. 1883.

Vesque (J.) Traité de Botanique, agricole et industrielle. *pp. xvi, 976 : text illust.* 8⁰. *Paris*, 1885.

Vesque (J.) Epharmosis, sive materiæ ad instruendam anatomiam systematis naturalis. 3 Pt. *illust.* 8⁰. *Vincennes*, 1889–92.

Pt. I. Folia Capparearum. *pp. 10 : 77 pls.* 1889.
,, II. Genitalia foliaque Garciniearum et Calophyllearum. *pp. 29 : 162 pls.* 1889.
,, III. Genitalia foliaque Clusiearum et Moronobearum. *pp. 24 : 115 pls.* 1892.

Vesque (J.) Guttiferæ. *See* CANDOLLE (ALPH. L. P. P. DE) & (A. C. P. DE) Monographiæ Phanerogamarum, *&c.* Vol. VIII. 8⁰. 1893.

Vesque (J.) & **Arbois de Jubainville** (A. D') Les maladies des Plantes Cultivées, *&c.* *See* ARBOIS DE JUBAINVILLE (A. D') & VESQUE (J.) 8⁰. 1878.

VEST (LORENZ CHRYSANTH VON) [1776–1840] Manuale Botanicum inserviens excursionibus botanicis, sistens Stirpes totius Germaniæ Phænogamas, *&c.* *pp.* [*xxvi,*] *818.* 8⁰. *Klagenfurti*, 1805.

Vest (L. C. VON) Anleitung zum gründlichen Studium der Botanik. Mit einer Uebersicht über den Bau naturhistorischer Klassifikationssysteme, einer Critik des Jussieu'schen, und den Grundzügen eines neuen natürlichen Systems. *pp. xix, 362.* 8⁰. *Wien*, 1818.

VESTERGREN (JACOB TYCHO CONRAD) [1875–] Bidrag till Kännedomen om Gotlands Svampflora. *pp. 29: 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. III, no. 6. 8⁰. 1896 (1897).

Vestergren (J. T. C.) Eine Arktisch-Alpine Rhabdospora. *pp. 23 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. III, no. 12. 8⁰. 1900 (1901).

——[Another issue :] *See* STOCKHOLM.—STOCKHOLMS HÖGSKOLA. Meddelanden från Stockholms Högskolas Botaniska Institut. Bd. IV. 8⁰. 1901.

Vestergren (J. T. C.) Monographie der auf der Leguminosen-Gattung *Bauhinia* vorkommenden Uromyces-Arten. *pp. 34 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik. Bd. IV, no. 15. 8⁰. 1905.

Vestergren (J. T. C.) Ein bemerkenswerter Pyknidentypus (*Diplodina Rostrupii*, n. sp.) *pp. 14 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. V, no. 11. 8⁰. 1906.

Vestergren (J. T. C.) & **Skottsberg** (C. J. F.) Zur Kenntnis der Vegetation der Insel Oesel. I.† *pp. 97 : 1 map.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVII, afd. III, no. 7. 8⁰. 1901 (1902).

VESTI (JUSTUS) [1651–1715] Disputatio medica inauguralis, sistens Ægrum undimia ex corticis Chinæ de China intempestivo usu laborantem, quam . . sub præsidio . . . J. Vesti . . . proponit F. C. J. Wittiber, *&c.* [*pp. 32.*] 4⁰. *Erffordiæ* [1709].

VESTIGES. Vestiges of the Natural History of Creation. [By R. Chambers.] *pp. vi, 390.* 8⁰. *London*, 1844.

—— Fourth edition. *pp. iv, 408.* 8⁰. *London*, 1845.

—— Sixth edition. *pp. iv, 512.* 8⁰. *London*, 1847.

Explanations : a sequel to "Vestiges of the Natural History of Creation." By the author of that work. [R. Chambers.] (Appendix.—Letters of Mr. Weekes on Aboriginal Production of Insects.) *pp. vii, 198.* 8⁰. *London*, 1845.

—— Second edition. *pp. vii, 205.* 8⁰. *London*, 1846.

Vestiges. Natürliche Geschichte der Schöpfung des Weltalls, der Erde und der auf ihr befindlichen Organismen, begründet auf die durch die Wissenschaft errungenen Thatsachen. Aus dem Englischen [of R. Chambers] nach der sechsten Auflage von C. Vogt. *pp. vi, 322 : text illust.* 8⁰. *Braunschweig*, 1851.

Vestiges. "Vestiges of the Natural History of Creation": its argument examined and exposed. *See* BOSANQUET (S. R.) 8⁰. 1845.

Vestiges. The Mutations of the Earth . . . including an examination into the scientific errors of the author of the Vestiges of Creation, *&c.* *See* SMITH (J. A.) 8⁰. 1846.

VESUVIUS. [*Maps.*] Geological map of Monte Somma and Vesuvius, constructed by H. J. Johnston-Lavis . . . during the years 1880–88. Scale 1 : 10,000 (6·33 in. = 1 m.) 6 sh. *col.* *London*, 1891.

VETH (D. D.) [–1885] Aardrijkskundig beschrijving van Midden-Sumatra, *&c.* 1 Vol. & Atlas. *See* AMSTERDAM.—AARDRIJKSKUNDIG GENOOTSCHAP. Midden-Sumatra, *&c.* Deel II. 4⁰. & fol. 1882.

VETH (PIETER JAN) [1814–1895] Java, geographisch, ethnologisch, historisch. 3 Deel. *illust.* 8⁰. *Haarlem*, 1875–82.

Veth (P. J.) Midden-Sumatra. Reizen en onderzoekingen der Sumatra-Expeditie . . . 1877–1879 . . . onder toezicht van . . P. J. Veth. 4 Dl. & Atlas. *See* AMSTERDAM.—AARDRIJKSKUNDIG GENOOTSCHAP. 4⁰. & fol. 1881–92.

VETTER (BENJAMIN) [1848–1893] Nachträge zur Dyas I. von . . . H. B. Geinitz . . . mit Beiträgen der Herren . . . Vetter . . . und . . . Weiss. *pp. iv, [ii,] 43 [ii] : 7 pls., text illust. See* DRESDEN.—KOENIGLICHES MINERALOGISCH-GEOLOGISCHES UND PRAEHISTORISCHES MUSEUM. Mittheilungen. Hft. III. 4⁰. 1880.

Vetter (B.) Die Fische aus dem Lithographischen Schiefer in Dresdener Museum. *pp. viii, 118 : 3 pls. See* DRESDEN.—KOENIGLICHES MINERALOGISCH-GEOLOGISCHES UND PRAEHISTORISCHES MUSEUM. Mittheilungen. Hft. IV. 4⁰. 1881.

Vetter (B.) *See* KOSMOS . . . Herausgegeben von . . . B. Vetter. Jahrg. VI, VII, XII, XIII & 1884–86. 8⁰. 1882–86.

VETTERS (KARL LUDWIG) Die Blattstiele der Cycadeen. Inaugural Dissertation, *&c. pp. 25 . 2 pls.* 8⁰. *Leipzig*, 1884.

VETTOR PISANI, *Italian Corvette.* G. Chierchia . . . Collezioni per studi di Scienze Naturali fatte nel viaggio intorno al Mondo dalla . . . Vettor Pisani, *&c.* 1882–85. *See* CHIERCHIA (G.) 8⁰. 1885.

Vettor Pisani, *Italian Corvette.* Alghe del viaggio di circumnavigazione della "Vettor Pisani." *See* PICCONE (A.) 8⁰. 1886.

Vettor Pisani, *Italian Corvette.* Sulle Aplysiidæ raccolte . . . nel viaggio della Vettor-Pisani (1882–1885) . . di G. Mazzarelli e R. Zuccardi. *pp. 21 : 2 pls. See* ITALY.—SOCIETÀ ITALIANA DELLE SCIENZE. Memorie, *&c.* Ser. III, tom. VIII, no. 2. 4⁰. 1892.

Vettor Pisani, *Italian Corvette.* Molluschi Eteropodi raccolti dal Capitano G. Chierchia, durante il viaggio di circumnavigazione della R. Nave "Vettor Pisani" negli anni 1882–85. *pp. 11 : 1 pl. (col.), text illust. See* NAPLES.—REGIA UNIVERSITÀ DEGLI STUDI. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. III, no. 16. 4⁰. 1911.

Vettor Pisani, *Italian Corvette.* Poissons du Musée de Naples provenant des Expéditions du "Vettor Pisani," *&c.* ([By] J. Pellegrin.) *pp. 11. See* NAPLES.—REGIA UNIVERSITÀ DEGLI STUDI. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. III, no. 27. 4⁰. 1912.

Vettor Pisani, *Italian Corvette.* Die craspedoten Medusen des "Vettor Pisani." Von E. Vanhöffen. *pp. 33 : 2 pls., text illust. See* ZOOLOGICA, *&c.* Bd. XXVI, hft. 67 [no. 1]. 4⁰. 1913.

VETTORI (PIETRO) [1499–1585] P. Victorii explicationes suarum in Catonem, Varronem, Columellam castigationum. *pp. 70 [5].* 8⁰. *Parisiis*, 1543.

Vettori (P.) Ἀριστοτέλους ἅπαντα. Aristotelis . . . opera . . . omnia . . . Per D. Eras. Roterodamum. [With notes and emendations by P. Victorius.] 2 Vol. *See* ARISTOTLE. [*Works.*] fol. 1550.

Vettori (P.) P. Victorii explicationes suarum in Varronis libros de re rustica castigationum, *&c. pp. 77. See* VARRO (M. T.) M. T. Varronis Opera omnia quæ extant, *&c.* 8⁰. 1619.

VEYRAS (JACQUES) Traicté du Tabac, . . . mis de nouveau en François, par J. V. [*i. e.* J. Veyras], *&c. See* NEANDER (J.) 8⁰. 1626.

VIALA (PIERRE) [1859–] & **Mangin** (L.) Sur le *Stearophora radicicola*, champignon des racines de la Vigne. *See* MANGIN (L.) & VIALA (P.) Le *Stearophora radicicola, &c.* 8⁰. 1905.

VIALLA DE SOMMIÈRES (L. C.) Voyage historique et politique au Montenegro, *&c.* 2 Vol. *illust.* 8⁰. *Paris*, 1820.

VIALLANES (ALFRED) & **Arbaumont** (J. D') Flore de la Côte-d'Or contenant la description des Plantes Vasculaires . . . dans le département, un aperçu . . . de leurs usages . . . et un vocabulaire des mots techniques. *pp. lxx, 523.* 8⁰. *Dijon*, 1889.

VIALLANES (HENRI) [1856–1893] Note sur le Tube digestif du Carpophage Goliath. Note sur les muscles peauciers du *Lophorina superba. pp. 12 : 3 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. VII, no. 12 & 13.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XVIII, no. 4 & 5. 8⁰. 1878.

Viallanes (H.) Observations sur les Glandes salivaires chez l'Échidné (*Echidna hystrix*). *pp. 6 : 1 pl. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. X, no. 2. 8⁰. 1879.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXI, no. 3. 8. 1880.

Viallanes (H.) Recherches sur l'histologie des Insectes et sur les phénomènes histologiques qui accompagnent le développement post-embryonnaire de ces Animaux. *pp. 348 : 18 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XIV, no. 1. 8⁰. 1882.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXVI, no. 3. 8⁰. 1882.

Viallanes (H.) Sur un nouveau type de tissu élastique observé chez la larve de l'Eristalis. *pp. 12 : 1 pl. See* ANNALES DES SCIENCES NATURELLES . . . Zoologie, *&c.* Sér. VI, tom. XVII, no. 11. 8⁰. 1884.

Viallanes (H.) Études histologiques et organologiques sur les centres nerveux et les organes des sens des Animaux articulés. 5 pt. *illust. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XVII, no. 3 ; XVIII, no. 4 ; XIX, no. 4 ; VII, tom. II, no. 1 ; IV, no. 1. 8⁰. 1884–87

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXIX, no. 4 ; XXXI, no. 1 & 3 ; XXXIII, no. 2 ; XXXIV, no. 3. 8⁰. 1884–87.

Viallanes (H.) Sur la structure du Squelette branchial de la Sabelle. *pp. 20 : 1 pl. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XX, no. 2. 8⁰. 1885.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXXII, no. 2. 8⁰. 1886.

Viallanes (H.) Sur l'Endothélium de la cavité générale de l'Arénicole et du Lombric. *pp. 10 : 1 pl. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XX, no. 3. 8⁰. 1885.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXXII, no. 3. 8⁰. 1886

VIALLETON (Louis) Recherches sur les premières phases du développement de la Seiche (*Sepia officinalis*). *pp. 116 : 8 pls., col.* *See* France.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. xxxiv, no. 5. 8⁰. 1888.

Vialleton (L.) & **Lortet** (L.) Étude sur le *Bilharzia hæmatobia* et la Bilharziose. *pp. 118 : 8 pls., text illust.* *See* Lyons.—université. Annales de l'Université, *&c.* Tom. ix, fasc. 1. 8⁰. 1894.

VIANI ( ) *Servite.* C. A. Mezzabarba . . . Legation . . . an den Kaiser Kang hi, *&c.* 1720. *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. v. 4⁰. 1749.

VIANNA (Francisco Vicente) Memoria sobre o Estado da Bahia, *&c.* *See* Bahia. 8⁰. 1893.

Vianna (F. V.) Memoir of the State of Bahia, *&c.* *See* Bahia. 8⁰. 1893.

VIAUD-GRAND-MARAIS (Ambroise) [1833–1913] [Études médicales sur les Serpents de la Vendée et de la Loire-Inférieure. 8⁰. *Nantes*, 1860.]
Wanting.

—— Deuxième édition. *pp. 260 : text illust.* 8⁰. *Nantes, Saint-Germain*, 1867–69.

Viaud-Grand-Marais (A.) Quelques Plantes Américaines employées contre les morsures des Serpents venimeux. 8⁰. [*Nantes*, 1873.]
Bull. Soc. Méd. Nantes. 1873. *pp. 193–216.*

VIBE (Andreas) Höhenmessungen in Norwegen. *See* Keilhau (B. M.) Gæa Norvegica, *&c.* Hft. ii, no. 4, & iii, no. 8. 4⁰. 1844, 50.

Vibe (A.) Küsten und Meer Norwegens, *&c.* *pp. 24 : 1 pl. col., 1 map col.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. i, no. 1. 4⁰. 1860.

VIBORG (Erik Nissen) [1759–1822] Botanisk-œkonomisk Afhandling om Bygget . . . Priisskrift, *&c.* *pp. 62 [3] : 4 pls.* 4⁰. *Kiøbenhavn*, 1788.

Viborg (E. N.) Botanisch-œkonomische Abhandlung von der Gerste. Eine . . . Preisschrift. *pp. [iv,] 56 : 3 pls.* 4⁰. *Kopenhagen*, 1802.

Viborg (E. N.) Efterretning om Sandvexterne og deres Anvendelse til at dæmpe Sandflugten paa Vesterkanten af Jyland. *pp. 71 : 7 pls.* 8⁰. *Kiøbenhavn*, 1788.

Viborg (E. N.) Forsøg til systematiske Danske Navne af indenlandske Planter forfattet til Brug for Lærlingerne ved den Kongelige Veterinærskole. *pp. 344.* 8⁰. *Kiøbenhavn*, 1793.

Viborg (E. N.) Beata ruris otia Fungis Danicis . . . Volumen ii. post obitum auctoris editum, curante E. Viborg. *See* Holm afterwards Holmskjold (T.) fol. [1799.]

Viborg (E. N.) Botanisk-œkonomisk Beskrivelse over de i Landhuusholdningen vigtigste Aspe- og Pilearter. *pp. 116.* 8⁰. *Kjøbenhavn*, 1800.

VIBRAYE (P. de) *Marquess.* Les silex ouvrés dans le diluvium de Loir-et-Cher.—Note sur de nouvelles preuves de l'existence de l'Homme dans le centre de la France, à une époque où s'y trouvaient aussi divers animaux qui, de nos jours, n'habitent pas cette contrée. —Note accompagnant la présentation des objets recueillis dans les terrains de transport, les cavernes et les brèches osseuses. *See* Lyell (*Sir* C.) L'ancienneté de l'Homme. Appendice, *&c.* 8⁰. 1864.

VICAT (Philippe Rodolphe) [1720–1783] Histoire des Plantes Vénéneuses de la Suisse . . . Rédigée . . . surtout d'après l'Histoire des Plantes Helvétiques de Baron de Haller . . . (Explication des figures, des termes de botanique), *&c.* *pp. xxix, 392 (112) : 3 pls.* 8⁰. *Yverdon*, 1776.

Vicat (P. R.) Matière Médicale tirée de Halleri Historia Stirpium indigenarum Helvetiæ. Avec . . . quelques observations du traducteur . . . par Mr. P. R. Vicat. 2 Vol. *See* Haller (A. von). 8⁰. 1776.

VICENT (Antonio) Noticia litológica de las islas Columbretas. *pp. 11.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. xiv. 8⁰. 1885.

Vicent (A.) Notice lithologique sur les Îles Columbretas. *pp. 14.* *See* Brussels.—société scientifique. Annales, *&c.* Tom. ix (Mémoires). 8⁰. 1885.

VICKERS (Anna) & **Shaw** (M. H.) Phycologia Barbadensis. Iconographie des Algues Marines récoltées à l'Île Barbade (Antilles), (Chlorophycées et Phéophycées) par A. Vickers, avec texte explicatif par M. H. Shaw. *pp. 44 : 93 pls. (col.)* 4⁰. *Paris*, 1908.

VICKERY (R. A.) Contributions to a knowledge of the Corn Root-Aphis. *See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 85, pt. vi. 8⁰. 1910.
Papers on Cereal and Forage Insects.

VICQ (Léon Bonaventure Éloy de) [1810–1886] Flore du département de la Somme. *pp. xxxvi, 551.* 8⁰. *Abbeville*, 1883.

Vicq (L. B. É. de) & **Blondin de Brutelette** (H. L.) Catalogue raisonné des Plantes Vasculaires du département de la Somme. *pp. viii, 318.* 8⁰. *Abbeville*, 1865.
Mém. Soc. imp. Émul. Abbeville. 1861–65.

—— Supplément, *&c.* *pp. [iv,] 25.* 8⁰. *Abbeville* [1873].
Mém. Soc. Émul. Abbeville. Sér. iii, vol. i.

—— —— Nouvelle édition. *pp. [vi,] 34.* 8⁰. *Abbeville*, 1873.

VICQ-D'AZYR (Félix) [1748–1794] Systême anatomique. Tom. ii. Quadrupèdes.—Tom. iii. Mammifères et Oiseaux. *See* Encyclopédie Méthodique, *&c.* 4⁰. 1792, 1819.

Vicq-D'Azyr (F.) Des Herrn Vicq-d'Azyr Abhandlung zur anatomischen Geschichte der Fische. *See* Schneider (J. G.) Sammlung von anatomischen Aufsätzen und Bemerkungen zur Aufklärung der Fischkunde, *&c.* Thl. i. 8⁰. 1795.

Vicq-D'Azyr (F.) Éloge de P. Camper. *See* Camper (P.) Œuvres de P. Camper. Vol. i. 8⁰. 1803.

Vicq-D'Azyr (F.) Linné-François . . . auquel on a joint l'éloge historique de Linné par Vicq-D'Azyr. 5 Vol. *See* Linnæus (C.) [*Works.*] 8⁰. 1809.

Vicq-D'Azyr (F.) Éloge de Buffon. *See* Buffon (G. L. Le C.) *Count.* Œuvres complètes, *&c.* Tom. i. 8⁰. 1842.

VICTORIA, *Australia.* Guide to the Gold-fields of Victoria, *&c.* *pp. 43 : 1 map.* 8⁰. *Melbourne*, 1855.

Victoria, *Australia.* Report on the Plants collected during Mr. Babbage's Expedition into the north-western interior of South Australia in 1858 by F. Mueller. *pp. 21.* fol. *Melbourne*, 1858.

Victoria, *Australia.* Essay on the Plants collected by . . . E. Fitzalan during Lieut. Smith's Expedition to the estuary of the Burdekin. By . . . F. Mueller. *pp. 19.* fol. *Melbourne*, 1860.

Victoria, *Australia.* The Victorian Government Prize Essays, 1860. *pp. viii, 387 : 1 pl., 1 map.* 8⁰. *Melbourne*, 1861.

1. Essay on the collection and storage of Water in Victoria. By F. Acheson.
2. Essay upon the Agriculture of Victoria. . . . By W. Story.
3. Essay on the origin and distribution of Gold in quartz veins. . . . By H. Rosales.
4. Essay on the Manufactures more immediately required for the economical development of the Resources of the Colony. . By C. Mayes.

Victoria, *Australia.* Natural History of Victoria. Prodromus of the Zoology of Victoria; or, figures and descriptions of the living species of all classes of the Victorian indigenous Animals. By F. McCoy. Decade I–XX.† *illust. col.* 4⁰. *Melbourne & London*, 1878–90.

Victoria, *Australia.* The Year-book of Victoria for 1886, *&c. pp. 206.* 8⁰. *Sydney*, 1886.

VICTORIA, *Australia.* — *Public Library, Museums, & National Gallery. See* MELBOURNE.

VICTORIA, *Australia.* — DEPARTMENT OF AGRICULTURE.
Report (Second Annual Report) of the Secretary for Agriculture. 8⁰. *Melbourne*, 1873 (74).

—— Annual Report . . . 1899, 1900–1, 1905→ 8⁰. *Melbourne*, 1900→

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Guides to Growers. No. 19, 20, 22, 23, 25–44 & 49. 8⁰. [*Melbourne*,] 1894–99 [–1902].

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Bulletin, No. 1–15. 8⁰. *Melbourne*, 1902–04.
A series of reprints from the "Journal" of the Department. Wanting No. 7, 8, 10 & 11.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
A handbook of the Destructive Insects of Victoria, with notes on the methods to be adopted to check and extirpate them. Prepared . . . by C. French, *&c.* 3 Pt. *illust. col.* 8⁰. *Melbourne*, 1891–1900.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Illustrated description of Thistles, etc., included within the provisions of the Thistle Act of 1890. [By Baron Sir F. von Mueller.] *pp. 20 : 12 pls. col.* 8⁰. *Melbourne*, 1893.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Monthly Lectures delivered at [the] School of Horticulture, by various specialists, during 1892–1893. *pp. 124 : 10 pls., text illust.* 8⁰. *Melbourne* (1893).

1. Inaugural Lecture.—Botany in its relation to Horticulture. By D. McAlpine.
2. Our Indigenous Plants in relation to Horticulture. By Baron von Mueller.
3. Undeveloped Sources of Wealth. [Economic Botany.] By J. Harris.
4. Manures and Manuring. By A. N. Pearson.
5. Economic Entomology: some advantages to be derived from its study. By C. French.
6. Glimpses of some British Botanical Gardens and their Conservatories. By W. R. Guilfoyle.
7. Victorian land in its relation to cultural effort. By A. C. Neate.
8. The commercial aspect of Bee-keeping. By. L. T. Chambers.

Appendix. Prize essays [on Economic Botany] by . . . A. E. Bennett.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Report on a poisonous species of *Homeria* (*H. collina*, Vent., var. *miniata*) found at Pascoe Vale . . . by D. McAlpine. *pp. 15 : 1 pl. col.* 8⁰. *Melbourne*, 1893.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Fibres from Plants, indigenous and introduced, eligible for industrial culture and experiment in Victoria, by W. R. Guilfoyle, *&c. pp. 38 : 6 pls.* 8⁰. *Melbourne*, 1894.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Systematic arrangement of Australian Fungi, together with host-index and list of works on the subject, by D. McAlpine, *&c. pp. vi, 236.* 8⁰. *Melbourne*, 1895.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
List of Fruit Trees, etc., grown at the Royal Horticultural Gardens, Richmond Park, Burnley. *pp. 29.* 8⁰. *Melbourne*, 1897.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Report by . . . D. McAlpine, Government Vegetable Pathologist, on Fairy Rings, and the Fairy-Ring Puff-Ball. *pp. 12 : 2 pls.* 8⁰. *Melbourne*, 1898.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Fungus Diseases of Citrus Trees in Australia, and their treatment . . . By D. McAlpine. *pp. 132, 1 tab. : 31 [in 30] pls.* 8⁰. *Melbourne*, 1899.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
First Steps in Ampelography : a guide to facilitate the recognition of Vines, by M. Mazade . . . Translated by R. Dubois . . . and W. P. Wilkinson. *pp. 95 : text illust.* 8⁰. *Melbourne*, 1900.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Fungus Diseases of Stone-fruit Trees in Australia and their treatment . . . by D. McAlpine. *pp. 165, 1 tab. : 54 pls. (10 col.)* 8⁰. *Melbourne*, 1902.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
The Rusts of Australia (Uredineæ): their structure, nature, and classification. By D. McAlpine. *pp. vi,* [*i,*] *349 : 55 pls. (11 col.), text illust.* 8⁰. *Melbourne*, 1906.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
Recording Census of the Victorian Flora. Prepared by A. J. Ewart . . . and issued for the Plant Records Committee, *&c. pp. 98.* 4⁰. [*Melbourne*,] 1908.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
The Weeds, Poison Plants, and naturalized aliens of Victoria. By A. J. Ewart . . . Assisted by J. R. Tovey, *&c. pp. viii, 110 : 33 pls. col.* 8⁰. *Melbourne*, 1909.
The plates were originally issued in the "Journal of the Department of Agriculture," but not in the same order.

Victoria, *Australia.*—DEPARTMENT OF AGRICULTURE.
The Smuts of Australia (Ustilagineæ): their structure, life history, treatment, and classification. By D. McAlpine. *pp. vi,* [*i,*] *288 : 57 pls., text illust.* 8⁰. *Melbourne* [1910].

VICTORIA, *Australia.*—DEPARTMENT OF MINES.
Reports of the Mining Surveyors and Registrars. Quarter ended 31 March 1866—31 March 1884. 4⁰. *Melbourne*, 1866–84.

[*Continued as :*]
The Gold-fields of Victoria. Reports of the Mining Registrars, *&c.* Quarter ended 30 June 1884—31 December 1889. 4⁰. *Melbourne*, 1884–90.
Wanting Quarter ended 30 June 1885.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Mineral Statistics of Victoria, *&c.* [Annual reports] 1875–88. 4⁰. *Melbourne*, 1876–89.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Report of the Chief Inspector of Mines. 1876–1883. 4⁰. *Melbourne*, 1877–84.
Wanting the Report for 1884.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Annual Report of the Secretary for Mines . . . on the working of the regulation and inspection of Mines, *&c.* 1884→ 4⁰. *Melbourne*, 1885→

Victoria, *Australia.*—DEPARTMENT OF MINES.
Reports and Statistics of the Mining Department, *&c.* [Quarterly reports] 1890—Sept. 1891.†
4⁰. *Melbourne*, 1890–91.
Wanting the number for June 1891.

Victoria, *Australia.*—DEPARTMENT OF MINES.
The Gold-fields of Victoria. Mining Record for . . . 1897–98. No. 1–6. 4⁰. *Melbourne* [1897–99].

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Notes on the contact of the metamorphic and sedimentary formations at the upper Dargo River. By A. W. Howitt. *pp. 10 : 2 pls.*
4⁰. *Melbourne*, 1892.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Reports on the Victorian Coal fields, by J. Stirling. No. 1–6 *illust.*
4⁰. *Melbourne*, 1892–1900.
Wanting No. 2 & 5.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Bendigo Gold-field. By E. J. Dunn. *pp. 20 : 9 pls., 2 maps.*
4⁰. *Melbourne*, 1893.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on neglected Gold-fields, by D. B. Walker. *pp. 15.* 4⁰. *Melbourne*, 1894.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Ballarat East Gold-field, by E. Lidgey. *pp. 16 : 11 plans.*
4⁰. *Melbourne*, 1894.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Victoria. Geology and Physical Geography, by R. A. F. Murray. *pp. iv, 150 : 6 pls., 1 map geol. col., text illust.*
8⁰. *Melbourne*, 1895.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Reports on the Bendigo Gold-field (No. I & II). By E. J. Dunn. *pp. 42 : 27 pls., 19 maps & plans.* 4⁰. *Melbourne*, 1896.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on Mount Wills as a Gold-field and Tin-field respectively, and also on the Tongio West Gold-field. By H. Rosales. *pp. 12.*
4⁰. *Melbourne*, 1897.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Steiglitz Gold-field. By W. Forbes. *pp. 6 : 11 pls.* 4⁰. *Melbourne*, 1897.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report of Lecture on "The Deep Leads of Victoria," and "Some indications of Ore deposits," by E. Lidgey. *pp 9.* 4⁰. *Melbourne*, 1898.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the St. Arnaud Gold-field, by H. S. Whitelaw. *pp. 7 : 1 map (col.), text illust.* 4⁰. *Melbourne*, 1898.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Catalogue of Rocks, Fossils, and Minerals, supplied by the Mining Department. Collection prepared by D. E. Brown, under the supervision of J. Stirling, Government Geologist. *pp. vii, 32 : 16 pls.* 8⁰. [*Melbourne*, 1899.]

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Little Bendigo or Nerrena Gold-field, Ballarat . . . By H. S. Whitelaw. *pp. 4 : 2 plans (col.)* 4⁰. *Melbourne*, 1901.
One of the plans is dated 1900.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Pitfield Plains Gold-field . . . By S. B. Hunter. *pp. 14 : 16 plans & sections (2 col.)* 4⁰. *Melbourne*, 1901.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Report on the Walhalla Gold-field . . . by H. Herman. *pp. 66 : 10 pls., 23 maps & plans (col.)* 4⁰. *Melbourne*, 1901.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Underground Survey of Mines, Bendigo Gold-field. Report on the Shamrock, Shenandoah, New Chum Railway, Eureka Extended, and South Belle Vue United Mines, New Chum line of reef . . . By H. S. Whitelaw. *pp. 13 : 12 sheets of sections & plans.* 4⁰. *Melbourne*, 1901.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Reports . . . Reprint of Report . . . on the loss of Gold in the reduction of auriferous veinstone in Victoria, with recommendations as to improvements in the system of treatment, more especially relating to the dressing of slimes, by H. Rosales. *pp. 66.*
4⁰. *Melbourne*, 1902.

Victoria, *Australia.*—DEPARTMENT OF MINES.
Special Report . . . The Economic Minerals and Rocks of Victoria. By A. E. Kitson. 8⁰. *Melbourne*, 1906.
Victorian Year-Book, 1905, *pp. 517–36.*

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Geological Sketch-Map of the parish of Beechworth. ([Inset map] Plan of the western portion of Wooragee Valley.) Surveyed by E. J. Dunn. Scale 40 chains [= ½ m.] to 1 in. s.sh. *col. Melbourne*, 1871.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Sandhurst Gold field. Scale 40 chains [= ½ m.] to 1 in.
2 sh. *geol. col. Melbourne*, 1873.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Ballarat Gold field. Geologically surveyed by R. A. F. Murray . . . Scale 40 chains [= ½ m.] to 1 in. (Notes, *&c.*)
5 sh. *col. Melbourne*, 1874.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Ararat Gold field. Geologically . . . surveyed by F. M. Krause . . . Scale 40 chains [= ½ m.] to 1 in.
3 sh. *col. Melbourne*, 1878.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Geological Sketch Map of the Russell's Creek Gold field. Scale 1 m. to 1 in. . . . by R. A. F. Murray.
s.sh. *col. Melbourne*, 1878.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Stawell Gold field. Geologically . . . surveyed by N. Taylor . . . Scale 40 chains [= ½ m.] to 1 in.
2 sh. *col. Melbourne*, 1878.

Notes referring to the geological map, *&c.*
s.sh. *Melbourne* [1878].

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Garden Gully line of reef. Scale 60 ft. to an inch. (Transverse & longitudinal sections.)
7 sh. *Melbourne*, 1879.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Creswick Gold field. Geologically . . . surveyed by F. M. Krause . . . Scale 40 chains [= ½ m.] to 1 in.
2 sh. *col. Melbourne*, 1880.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
New Chum line of reefs. Scale 60 ft. to 1 in. (Transverse & longitudinal sections.) 18 sh. *Melbourne*, 1881.

Victoria, *Australia.*—DEPARTMENT OF MINES. [*Maps.*]
Geological Sketch Map of the Western Port and Cape Patterson Coal fields. Scale 100 chains [= 1¼ m.] to 1 in. Originally prepared by F. M. Krause with additions . . . by R. A. F. Murray. s.sh. *col. Melbourne*, 1882.

VICTORIA, *Australia.*—GEOLOGICAL SURVEY.
Report of progress, *&c.* No. 1–11.† *illust.* 8⁰. & 4⁰. *Melbourne & London*, 1874–99.
Wanting No. 9.

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Monthly Progress Report, *&c.* No. 1–12.† *illust.* 8⁰. *Melbourne*, 1899–1900.

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Records, *&c.* Vol. I—> *illust.* 8⁰. *Melbourne*, 1902—>

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Bulletins, *&c.* No. 1—> 8⁰. *Melbourne*, 1903—>
Each number contains a separately-paged paper.

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Memoirs, *&c.* No. 1—> 4⁰. *Melbourne*, 1903—>
Each number contains a separately-paged paper.

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Observations on new Vegetable Fossils of the Auriferous Drifts. By Baron F. von Mueller. Decades I & II.† 8⁰. *Melbourne & London*, 1874, 83.
Reprinted from the Appendices to the "Quarterly Reports of the Mining Surveyors and Registrars."

Victoria, *Australia.*—GEOLOGICAL SURVEY.
Prodromus of the Palæontology of Victoria; or, figures and descriptions of Victorian Organic Remains. By F. McCoy. Decades I–VII.† *illust.* 8⁰. *Melbourne & London*, 1874–82.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Maps. Scale 2 in. to 1 m. No. 1—> *col.* *Melbourne* [1858—>].
The sheets of the map are divided into Quarter Sheets.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Sections referring to Quarter Sheets. Scale 40 chains [= ½ m.] to 1 in. 12 NE, 14 NW, 64 NE. 3 sh. *col.* *Melbourne*, 1869.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Victoria. Geologically colored. A. R. C. Selwyn. Scale 8 m. to 1 in. 8 sh. *col.* *Melbourne*, 1863.

—— Supplement to Sh. 8. s.sh. *col. Melbourne*, 1866.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Map of part of the counties of Polwarth and Heytesbury, Cape Otway district, to accompany C. Wilkinson's geological report . . . Scale ½ in. to 1 m. s.sh. *Melbourne*, 1865.
Wanting the Report itself.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
First sketch of a Geological Map of Australia including Tasmania. By R. B. Smyth. Scale 110 m. = 1 in. 2 sh. *col. Melbourne*, 1875.

—— [Revised edition.] 2 sh. *col.* *Melbourne*, 1876.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Victoria. Geologically colored (by A. Everett) . . . Scale 8 m. to 1 in. 8 sh. *col. Melbourne*, 1880.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of Victoria. Scale, 16 miles to 1 inch. s.sh. *col.* [*Melbourne,*] 1909.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Mineral Map of Victoria showing principal localities. By E. J. Dunn . . . Scale, 16 miles to 1 inch. s.sh. *col.* [*Melbourne,*] 1909.

Victoria, *Australia.*—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of Victoria. Scale, 16 miles to 1 inch. Showing the areas over which Auriferous Reefs outcrop at the surface, *&c.* s.sh. *col.* [*Melbourne,*] 1912.

VICTORIA, *Australia.*—GOVERNMENT BOTANIC GARDENS.
Annual Report of the Government Botanist and Director of the Botanic and Zoologic Garden (F. von Mueller). 1860–1, 1868 & 74. 3 No. 4⁰. *Melbourne*, 1868, 74.

Victoria, *Australia.*—GOVERNMENT BOTANIC GARDENS.
Annual Report on the Melbourne Botanic Gardens, Government House Grounds & Domain, by W. R. Guilfoyle, *&c.* *pp. 42.* 8⁰. *Melbourne*, 1877.

Victoria, *Australia.*—GOVERNMENT BOTANIC GARDENS.
Catalogue of Plants under cultivation in the Melbourne Botanic Gardens, alphabetically arranged by W. R. Guilfoyle. *pp. xii, 200 : 4 pls., 5 plans.* 4⁰. *Melbourne*, 1883.

VICTORIA, *Australia.*—ROYAL COMMISSION ON VEGETABLE PRODUCTS.
Handbook on Viticulture for Victoria. [By F. de Castella.] *pp. xvi, 184 : text illust.* 8⁰. *Melbourne*, 1891.

VICTORIA, *Australia.*—**Field Naturalists' Club of Victoria.**
See FIELD NATURALISTS' CLUB OF VICTORIA.

VICTORIA, *Australia.*—**Microscopical Society of Victoria.**
See MICROSCOPICAL SOCIETY OF VICTORIA.

VICTORIA, *Australia.*—**Royal Society of Victoria.**
See ROYAL SOCIETY OF VICTORIA.

VICTORIA, *Australia.*—**Zoological and Acclimatisation Society of Victoria.**
See ZOÖLOGICAL AND ACCLIMATISATION SOCIETY OF VICTORIA.

VICTORIA, *Australia.* [*Maps.*]
Victoria. Distribution of Forest Trees . . . compiled by A. Everett . . . notes by . . F. von Mueller [Scale 1 in. = 16 m.]. s.sh. *col. Melbourne*, 1869.

Victoria, *Australia.* [*Maps.*]
Map of Victoria. Constructed . . . at the Surveyor General's Office, *&c.* [Scale 1 in. = 8 m. about] 4 sh. *Melbourne*, 1876.

Victoria, *Australia.* [*Maps.*]
See also SANDS (J.) The new Atlas of Australia, *&c.* fol. 1886.

[For Geological & Mining Maps.]
See supra, *Department of Mines.* [*Maps.*]
See supra, *Geological Survey.* [*Maps.*]

VICTORIA, *British Columbia.*—**Natural History Society of British Columbia.**
See NATURAL HISTORY SOCIETY OF BRITISH COLUMBIA.

VICTORIA, *British Columbia.*—**Provincial Museum.**
Catalogue of British Columbia Birds. [Compiled by F. Kermode.] *pp. 69.* 8⁰. *Victoria, B.C.*, 1904.

Victoria, *British Columbia.*—**Provincial Museum.**
Catalogue of British Columbia Lepidoptera. [Compiled by E. M. Anderson.] *pp. 56.* 8⁰. *Victoria, B.C.*, 1904.

Victoria, *British Columbia.*—**Provincial Museum.**
[Founded 1886.]
Guide to Anthropological Collection in the Provincial Museum. [By C. F. Newcombe.] *pp. v, 69 : 1 map (col.), text illust.* 8⁰. *Victoria, B.C.*, 1909.

Victoria, *British Columbia.*—**Provincial Museum.** [Visitors' Guide to the] Provincial Museum of Natural History and Ethnology, *&c.* *pp. 92 : 20 pls., text illust.* 8⁰. *Victoria, B.C.*, 1909.

VICTORIA & ALBERT MUSEUM.
[1857 Opened as the *South Kensington Museum.*
1899 Renamed the *Victoria & Albert Museum.*
1909 The "Science Museum" [*q.v.*] was separated from it.]
Catalogue of the Collection of Animal Products . . . exhibited in the South Kensington Museum [compiled by P. L. Simmonds]. *pp. iv, 117.* 8⁰. *London*, 1857.

Victoria & Albert Museum.
Notes on ten Lectures on "Botany" delivered in . . . South Kensington Museum . . . 1870. *See* OLIVER (D.) 8⁰. 1870.

Victoria & Albert Museum.
Conferences held in connection with the Special loan Collection of Scientific Apparatus. 1876. Chemistry, Biology, Physical Geography, Geology, Mineralogy, and Meteorology. *pp. viii, 441 : text illust.* 8⁰. *London* [1877].

Victoria & Albert Museum.
[*Art Handbook.*] Precious Stones, considered in their scientific and artistic relations. With a catalogue of the Townshend Collection of Gems in the South Kensington Museum. By A. H. Church. *pp. 111 : 4 pls. (1 col.)* 8⁰. *London*, 1883.

—— New edition. *pp. x, 135 : 5 pls. (1 col.), text illust.* 8⁰. *London*, 1905.

—— Third edition. *pp. x, 139 : 5 pls. (1 col.), text illust.* 8⁰. *London*, 1908.

—— [Another edition.] *pp. xiv, 164 : 5 pls. (1 col.), text illust.* 8⁰. *London*, 1913.
Victoria & Albert Museum Handbooks.

Victoria & Albert Museum.
[*Library Catalogues.*] A Catalogue of the Printed Books and Manuscripts bequeathed by the Rev. A. Dyce. 2 Vol. 8⁰. *London*, 1875.
Prefixed is a biographical sketch of A. Dyce by J. Forster, with a portrait.

Victoria & Albert Museum.
[*Library Catalogues.*] List of Books in the National Art Library . . . on Anatomy, human and comparative, *&c.* *pp. 24.* 8⁰. *London*, 1886.

Victoria & Albert Museum.
[*Library Catalogues.*] A List of books and pamphlets in the National Art Library . . . illustrating Gems, *&c.* *pp. 27.* 8⁰. *London*, 1886.

Victoria & Albert Museum.
[*Library Catalogues.*] Catalogue of the Scientific Periodical Publications in the Science and Education Library of the South Kensington Museum. *pp. 61.* 8⁰. *London*, 1886.

Victoria & Albert Museum.
[*Library Catalogues.*] A Catalogue of the printed books bequeathed by J. Forster . . . With index. *pp. xxviii, 709 : 1 port.* 8⁰. *London*, 1888.
A Life of Forster by the Rev. W. Elvin is prefixed.

Victoria & Albert Museum.
[*Library Catalogues.*] Catalogue of the Science Library in the South Kensington Museum. *pp. viii, 501.* 8⁰. *London*, 1891.

Victoria & Albert Museum.
[*Science Handbooks.*] Handbook to the Special Loan Collection of Scientific Apparatus, 1876. *pp. xxvii, 339 : 1 plan, text illust.* 8⁰. [*London*, 1876.]

Victoria & Albert Museum.
[*Science Handbooks.*] Economic Entomology. By A. Murray . . . Aptera. *pp. xxiii, 433 : text illust.* 8⁰. *London* [1877].

Victoria & Albert Museum.
[*Science Handbooks.*] Handbook of the Collection illustrative of the Wild Silks of India, in the Indian section of the South Kensington Museum, with a Catalogue of the Collection . . . by T. Wardle. *pp. ix, 163 : text illust.* 8⁰. *London*, 1881.

Victoria & Albert Museum.
[*Science Handbooks.*] Food-Grains of India. By A. H. Church. *pp. viii [iv,] 180 : 35 pls.* 8⁰. *London*, 1886.

Victoria & Albert Museum.—*Branch Museum, Bethnal Green.*
[*Science Handbooks.*] Food: some account of its sources, constituents and uses. By A. H. Church. *pp. viii, 224.* 8⁰. *London*, 1876.

—— Fourth thousand. *pp. viii, 224.* 8⁰. *London*, 1880.

VICTORIA INSTITUTE OF TRINIDAD AND TOBAGO. [Founded 1887.]
Proceedings (Annual Report), *&c.* 9 Pt. *pp. 624 : text illust.* 8⁰. *Port-of-Spain*, 1894–1903.
[*Continued as :*]
Annual Report, *&c.* 1905–6 & 1907–8. 8⁰. *Port-of-Spain*, 1906, 08.
Wanting those for 1899–1900 to 1904–5.
[*Continued as :*]
Proceedings, *&c.* Vol. II, pt. 1. *pp. 17 : 3 pls., text illust.* 8⁰. *Hertford*, 1904.

VICTORIA INSTITUTE, OR PHILOSOPHICAL SOCIETY OF GREAT BRITAIN.
[Founded 1865.]
Journal of the Transactions, *&c.* Vol. I→ 8⁰. *London*, 1867→

VICTORIA MUSEUM, *Launceston.*
See LAUNCESTON, *Tasmania.*

VICTORIA UNIVERSITY. *See* MANCHESTER.

VICTORIAN EXHIBITION, 1861.
See MELBOURNE.

VICTORIAN EXHIBITION, 1872–73.
See MELBOURNE.

VICTORIAN NATURALIST, The, *&c.* Vol. I→
See FIELD NATURALISTS' CLUB OF VICTORIA. 8⁰. 1884→

VICTORIN (JOHAN FREDRIK) [1831–1855] Zoologiska anteckningar under en resa i södra delarne af Caplandet åren 1853–55 af J. F. Victorin. Ur den aflidnes papper samlade och ordnade af J. W. Grill. *pp. 62 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar, Ny Följd, Bd. II, no. 10. 4⁰. 1858.

VICTORIUS (PETRUS) *See* VETTORI (P.)

VIDAL (LUIS MARIANO) Datos para el conocimiento del terreno Garumnense de Cataluña. *pp. 39 : 8 pls.* *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. I. 8⁰. 1874.

Vidal (L. M.) Geologia de la provincia de Lérida. *pp. 77 : 1 pl.* *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. II. 8⁰. 1875.

Vidal (L. M.) Nota acerca del sistema Cretáceo de los Pirineos de Cataluña. *pp. 116 : 7 pls., text illust.* *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. IV. 8⁰. 1877.

Vidal (L. M.) Excursion Geológica por la isla de Mallorca. *pp. 22. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. VI. 8⁰. 1879.

Vidal (L. M.) Nota acerca de los hundimientos ocurridos en la cuenca de Tremp (Lérida). En Enero de 1881. *pp. 17. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. VIII. 8⁰. 1881.

Vidal (L. M.)
Estudio Geológico de la estacion termal de Caldas de Malavella. *pp. 27 : 1 pl., text illust.*
Yacimento de la Aerinita. *pp. 9.*
See SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. IX. 8⁰. 1882.

Vidal (L. M.) Reseña Geológica y Minera de la provincia de Gerona. (Apéndice . . . Descripción de algunas especies de Equínidos numulitícos de la provincia de Gerona por G. Cotteau.) *pp. 172 : 1 pl., 1 map col. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. XIII. 8⁰. 1886.
The map is entitled :—Mapa Geológico en bosquejo de la provᵃ. de Gerona . . . Escala de 1 : 400,000 [*i.e.* 1 in. = 6¼ m. about].

Vidal (L. M.) Contribución de la provincia de Lérida á los progresos de las ciencias Geológicas. *See* SARAGOSSA.—SOCIEDAD ARAGONESA DE CIENCIAS NATURALES. Linneo en España, *&c.* Pt. 3. 8⁰. 1907.

Vidal (L. M.) Nota sobre el supuesto Granito eruptivo del "Serrat Negre" en las montañas de La Nou, provincia de Barcelona. *pp. 6. See* BARCELONA.—REAL ACADEMIA DE CIENCIAS, *&c.* Memorias, *&c.* Tercera época, Vol. VI, no. 18. 4⁰. 1907.

Vidal (L. M.) & **Molina** (EUGENIO) Reseña Física y Geológica de las islas Ibiza y Formentera. *pp. 47 : 1 map col., text illust. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. VII. 8⁰. 1880.

Vidal (L. M.) & **Sánchez Lozano** (R.) Estudio de hidrología subterránea en Villena (provincia de Alicante). *pp. 25 : 3 pls. col. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. XXX. 8⁰. 1909.

Vidal (L. M.) **& others.** Mapa Geológico en bosquejo de las Islas Baleáres . . . Escala 1 : 400,000 [*i.e.* 1 in. = 6¼ m. about.] *See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. XV. s.sh. *col.* 1886.

VIDAL (VICENTE MOMPÓ Y) *See* MOMPÓ Y VIDAL.

VIDAL Y SOLER (SEBASTIAN) Sinopsis de Familias y Géneros de Plantas Leñosas de Filipinas, introduccion á la Flora Forestal del Archipielago Filipino. *pp. xviii, 411,* & atlas, *100 pls.* 8⁰. & fol. *Manila,* 1883.

Vidal y Soler (S.) Phanerogamæ Cumingianæ Philippinarum, *&c. See* PHILIPPINE ISLANDS.—*Comision de la Flora Forestal.* 8⁰. 1885.

Vidal y Soler (S.) Revision de Plantas Vasculares Filipinas, *&c. See* PHILIPPINE ISLANDS.—*Comision de la Flora Forestal.* 8⁰. 1886.

VIDENSKABS-SELSKABET I CHRISTIANIA. *See* CHRISTIANIA.

VĪDGHAL'M (ĪGHNATIĬ MARTUINOVĪCH) [1835–] Die fossilen Vogel-Knochen der Odessaer-Steppen-Kalk-Steinbrüche an der neuen Slobodka bei Odessa. *pp. 9 : 1 pl. See* ODESSA.—NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. X. [Appendix.] 4⁰. 1886.

VIEHMEYER (H.) Ameisen aus Deutsch Neuguinea gesammelt von . . . O. Schlaginhaufen, nebst einem Verzeichnisse der Papuanischen Arten. *pp. 26 : 1 pl. See* DRESDEN.—*Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen und Berichte, *&c.* Bd. XIV, hft. 1. 4⁰. 1912.

VIEILLARD (EUGÈNE) & **Deplanche** (É.) Essais sur la Nouvelle-Calédonie. *pp. 150.* 8⁰. *Paris,* 1863.
Rev. Marit. et Coloniale.

VIEILLOT (LOUIS JEAN PIERRE) [1748–1831 ?] *See* DICTIONARIES. Nouveau Dictionnaire d'Histoire naturelle, *&c.* Tom. VII–XXIV. 8⁰. 1803–4.

—— Nouvelle édition, *&c.* 36 Vol. 8⁰. 1816–19.

Vieillot (L. J. P.) Histoire naturelle des plus beaux Oiseaux Chanteurs de la zône torride. *pp. 112 & 52*, 52** : 72 pls. col.* fol. *Paris,* 1805 [–08 – ?]
Large paper copy.
Issued in twelve parts, of which livr. 1 & 2 are known to have appeared in 1805, 3 & 4 in 1806, and 5 & 6 in 1808 (Journ. Gén. Lit. France).

Vieillot (L. J. P.) Histoire naturelle des Oiseaux de l'Amérique septentrionale, contenant un grand nombre d'espèces décrites ou figurées pour la première fois. 2 Tom. *illust. col.* fol. *Paris,* 1807 [– ?].

Vieillot (L. J. P.) Analyse d'une nouvelle Ornithologie élémentaire. *pp. 70.* 8⁰. *Paris,* 1816.

—— [Another edition entitled :] Vieillot's Analyse d'une nouvelle Ornithologie élémentaire. Edited by H. Saunders. *See* WILLUGHBY SOCIETY. 8⁰. 1883.

C. J. Temminck, observations sur la Classification méthodique des Oiseaux, et remarques sur l'analyse d'une nouvelle Ornithologie élémentaire. Par L. P. Vieillot. *See* TEMMINCK (C. J.) 8⁰. 1817.

Vieillot (L. J. P.) Ornithologie, par M. l'Abbé Bonnaterre et continuée [*pp. 321 – 1460*] par L. P. Vieillot. *See* ENCYCLOPÉDIE MÉTHODIQUE, *&c.* Tableau Encyclopédique et méthodique des Trois Règnes de la Nature, *&c.* 4⁰. 1820–1823.

Vieillot (L. J. P.) Ornithologie Française, ou Histoire Naturelle générale et particulière des Oiseaux de France . . . Dessinés d'après nature par P. Oudart. *100 pls. (col.)* 4⁰. [*Paris,* 1823–1907.]
Of this work, twelve livraisons, each having 6 plates and a sheet of text, had been issued by 1830 : viz., No. 1–4 in 1823 ; No. 5–7 in 1825 ; No. 8 in 1826 ; and No. 9–12 in 1830 (Bibl. Franç.). Publication was then suspended.
A number of additional plates had been printed off, and in 1907 sets of all the plates, to the number of 100, were made up by the holder, and put on the market, the circular accompanying them stating that "Le texte réduit à quelques feuilles de généralités a disparu." The numeration of the plates is not consecutive.

Vieillot (L. J. P.) & **Audebert** (J. B.) Oiseaux dorés, ou à reflets métalliques. 2 Tom. *See* AUDEBERT (J. B.) & VIEILLOT (L. J. P.) fol. 1802.
Issued in 32 parts in 26 months (Journ. Gén. Lit. France, an. XI, 1802, p. 322).

—— [Another edition.] 4⁰. 1802.

Vieillot (L. J. P.) & **Oudart** (P. L.) La Galerie des Oiseaux, *&c.* 2 Vol. *illust. (col.)* 4⁰. *Paris,* [1820–] 1825 [–26].
This work was issued in 82 livraisons. Of these No. 1–5 appeared in 1820 ; No. 6–9 in 1821 ; No. 10–20 & 22 in 1822 ; No. 21, 23–37 in 1823 ; No. 38–52, 54–56 in 1824 ; No. 53, 57–72 & 74 in 1825 ; No. 73, 75–82 in 1826 (Bibl. Franç.) : the contents of the several livraisons are, however, at present unknown.
The 24 coloured plates of the first six livraisons are unnumbered, and the text to each is separately paged. With this portion of the work, subsequently bound at the end as an appendix, Vieillot had nothing to do. Vieillot's text, subdivided into five parts, is in three sections (parts 3–5 being continuously paged) arranged in two volumes.
301 coloured plates, consecutively numbered, and 33 plain plates, accompany these volumes. Among the coloured plates, there is a "Pl. 23 bis," but no pl. 151, which was omitted because the references in the text to plates 144–150 had been erroneously given as to 145–151. Pl. 300 ranks between pl. 232 & 233, whilst pl. 301 follows pl. 292.

Vieillot (L. J. P.) & **others.** Faune Française, ou histoire naturelle générale et particulière des Animaux qui se trouvent en France, constamment ou passagèrement . . . par MM. L. P. Vieillot (les Oiseaux); A. G. Desmarest (les Mammifères, les Reptiles, les Insectes Orthoptères, Hemiptères, et Névroptères); De Blainville (les Animaux sans vertèbres, à l'exception des Insectes); C. Prévost [or rather, H. M. D. de Blainville] (les Poissons); A. Serville (les Insectes Coléoptères, Hyménoptères et Diptères); Lepelletier Saint-Fargeau (les Insectes Lépidoptères); C. A. Walckenaer (les Aranéides). 8 Vol. & Atlas, 4 Vol. 8⁰. & 4⁰. [*Paris*, 1820–30].

Without title-pages. Livr. 1 & 2, Coléoptères, pp. 1–96, were re-written; a copy of the cancelled issue is bound in at the end of that section of the work. The text is complete for the Birds only.
The sections issued are as follows:—
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Vers. *2 pls. col.*
For the dates of publication of the various parts, *See* SHERBORN & WOODWARD, Ann. & Mag. Nat. Hist., Ser. VII, vol. VIII, 1901, p. 493.

VIENNA. [Ankündung eines systematischen Werkes von den Schmetterlingen der Wienergegend, herausgegeben von einigen Lehrern (*i.e.* I. Schiffermüller and J. N. C. M. Denis) am K. K. Theresianum. *pp. 322 : 2 pls.* 4⁰. *Wien*, 1775.]

Wanting. The title-page to this issue is printed from a wood-block.

—— [Another issue entitled:] Systematisches Verzeichniss der Schmetterlinge der Wienergegend, *&c.* *pp. 322 : 2 pls.* 4⁰. *Wien*, 1776.

The title-page to this issue is printed from a copper plate.
Jacob Hübner's copy with his autograph notes and signature is in the Walsingham Library.

—— [Another edition.] Mit einer Synonymie der vorzüglichsten Schriftsteller und vielen Anmerkungen und Zusätzen von neuem herausgegeben. 2 Bd. 8⁰. *Braunschweig*, 1801.

Vienna. Die Zinsler, Wickler, Schaben und Geistchen des *Systematischen Verzeichnisses der Schmetterlinge der Wiener Gegend* verglichen mit den in der Schiffermillerschen Sammlung in Wien befindlichen . . . Arten dieser Gattungen, *&c.* *See* CHARPENTIER (T. VON). 8⁰. 1821.

Vienna. Die Botanischen Anstalten Wiens im Jahre 1894. 8⁰. *Wien*, 1894.

Originally issued as a "Festgabe" for the sixty-sixth meeting of the "Deutscher Naturforscher und Aerzte" held the same year at Vienna.
Contains:—
No. I. K. k. Universität.
Pt. 1. Botanisches Museum und Botanischer Garten. Verfasst von . . . K. Fritsch.
,, 2. Das Pflanzenphysiologische Institut. Verfasst von . . . F. Krasser.
,, II. K. k. Hofgarten zu Schönbrunn. Verfasst von . . . A. Umlauft.
,, III. Botanische Abtheilung des k. k. naturhistorischen Hofmuseums.
Aufzählung der im Herbarium . . . enthaltenen Pflanzensammlungen. Verfasst von A. Zahlbruckner.
,, IV. K. k. zoologisch-botanische Gesellschaft.
,, VI. Botanische Privatsammlungen.

VIENNA.—*Botanischer Garten.*
See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*Botanisches Museum.*
See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*Erste Internationale Jagdausstellung, 1910.* Fuehrer durch die Deutsche Abteilung der . . . Jagdausstellung. *pp. 60 : 17 pls. (back to back).* 8⁰. *Berlin*, 1910.

Vienna.—*Erste Internationale Jagdausstellung, 1910.* Pavillon der n.-ö. Landes-Gewerbeförderung. Spezialführer durch die Kollektiv-Ausstellungen des heimischen Kunst- und Kleingewerbes. *pp. 47 : 1 plan.* 8⁰. *Wien*, 1910.

Vienna.—*Erste Internationale Jagdausstellung*, 1910. Catalogue of Exhibits in the British section of the International Shooting and Field Sports Exhibition, Vienna, 1910. *pp. viii, 63 : 22 pls.* 4⁰. *London*, 1911.

VIENNA.—*Exposition Universelle, 1873.*
See infra, *Welt-Ausstellung.*

VIENNA.—*Hortus Botanicus Vindobonensis.*
See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*International Shooting and Field Sports Exhibition, 1910.*
See supra, *Erste Internationale Jagdausstellung.*

VIENNA.—*Kaiserlich-Koenigliche Hofburg.*
Der Wintergarten in der K. K. Hofburg . . . geschildert, *&c.* *See* ANTOINE (F.) obl. fol. 1852.

Vienna.—*Kaiserlich-Koenigliche Hofburg.*
Phyto-iconographie der Bromeliaceen des Kaiserlichen Königlichen Hofburg-Gartens, *&c.* *See* ANTOINE (F.) 4⁰. & fol. 1884.

VIENNA.—*Universal Exhibition, 1873.*
See infra, *Welt-Ausstellung.*

VIENNA.—*Welt-Ausstellung, 1873.*
Notice sur les pêcheries et la chasse aux Phoques dans la Mer Blanche, l'Océan Glacial et la Mer Caspienne. [One of the publications issued in connection with the Exhibition.] *See* SCHULTZ (A.) 8⁰. 1873.

Vienna.—*Welt-Ausstellung, 1873.*
Descriptive Catalogue of the Exhibits in the New Zealand Court (Beschreibender Catalog, *&c.*—Catalogue descriptif, *&c.*), *&c.* *pp. 47.* 4⁰. *London* [1873].

English, German and French in parallel columns.

VIENNA.—Academia Vindobonensis.
See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—Akademischer Verein der Naturhistoriker an der Wiener Universitaet.
See infra, NATURWISSENSCHAFTLICHER VEREIN AN DER UNIVERSITAET WIEN.

VIENNA.—Anthropologische Gesellschaft.
[Founded 1870.]
Mittheilungen, *&c.* Bd. I–XVII. *illust.* 8⁰. *Wien*, 1871–87.
Bd. XI–XVII are also styled "Neue Folge, Bd. I–VII."

VIENNA.—Congrès International Ornithologique, Vienne, 1884.
See CONGRÈS INTERNATIONAL ORNITHOLOGIQUE VIENNE, 1884.

VIENNA.—Deutscher und Oesterreichischer Alpenverein.
[Founded 1873 by the amalgamation of the *Oesterreichischer Alpen Verein* (1862) & the *Deutscher Alpenverein* (1869).]
Atlas der Alpenflora. Herausgegeben vom Deutschen . . . Alpenverein, *&c.* *See* DALLA TORRE (K. W. VON) 8⁰. [1881–] 1882 [–84].

—— II. Neubearbeitete Auflage, *&c.* 8⁰. (1896–) 1897.

VIENNA.—Embryologisches Institut der Kaiserlich-Koeniglichen Universitaet.
See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—Gartenbaugesellschaft des Oesterreichischen Kaiserstaates.
Botanisches Archiv... Abbildungen und Beschreibungen neuer oder seltener Pflanzen, welche in den Gärten der Monarchie blühen. Herausgegeben von C. . . . von Hügel. No. I & II.† *10 pls. col., with descriptive letterpress.* 8⁰. *Wien*, 1837.
Large paper copy.

VIENNA.—Geologische Gesellschaft.
[Founded 1907.]
Mitteilungen, *&c.* Bd. I→ *illust.* 8⁰. *Wien*, 1908→

VIENNA.—Kaiserlich-Koenigliche Gartenbaugesellschaft.
See supra, GARTENBAUGESELLSCHAFT DES OESTERREICHISCHEN KAISERSTAATES.

VIENNA.—Kaiserlich-Koenigliche Geographische Gesellschaft. [Founded 1856.]
Mittheilungen, *&c.* Bd. I–XXXI. 8⁰. *Wien*, 1857–88.
Bd. XI–XXXI are also styled "Neue Folge, Bd. I–XXI."

Vienna.—Kaiserlich-Koenigliche Geographische Gesellschaft.
Festschrift aus Veranlassung der fünfundzwanzigjährigen Jubelfeier . . . im Jahr 1881. Von . . . J. Chavanne, *&c. pp. 131.* 8⁰. 1881.
Issued as a supplement to Vol. XXIV of the Mittheilungen.

VIENNA.—Kaiserlich-Koenigliche Hofkammer im Muenz- und Bergwesen. [Founded 1835.]
Bericht über die Mineral-Sammlung, *&c. pp. viii, 156: 2 pls.* 4⁰. *Wien*, 1843.

VIENNA.—Kaiserlich-Koenigliche Universitaet. [Founded 1365.]
Hortus Botanicus Vindobonensis, seu Plantarum rariorum quæ in Horto . . . coluntur, icones coloratæ et succinctæ descriptiones. 3 Vol. [in 2.] *See* JACQUIN (N. J. VON) *Baron.* fol. 1770–76.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Stapeliarum in Hortis Vindobonensibus cultarum descriptiones figuris coloratis illustratæ, *&c. See* JACQUIN (N. J. VON) *Baron.* fol. 1806.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Catalogus Horti Academici Vindobonensis. 2 Tom. [in 1.] *See* ENDLICHER (S. L.) 12⁰. 1842–43.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Endlicher's Paridisus Vindobonensis, Abbildungen seltener und schönblühender Pflanzen der Wiener [University] und anderer Gärten, *&c.* Vol. I & II, pt. 1.† *See* HARTINGER (A.) fol. 1844–60.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Mittheilungen aus dem Embryologischen Institute der K. K. Universität . . . von . . . S. L. Schenk. Bd. I & II. 8⁰. *Wien*, 1877–83.

—— Neue Folge. Hft. I–V.† 8⁰. *Wien*, 1885–92.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Arbeiten aus dem Zoologischen Institute der Universität Wien und der Zoologischen Station in Triest. Herausgegeben von . . . C. Claus (fortgeführt von . . . K. Grobben . . . und . . . B. Hatschek). Tom. I→ 8⁰. *Wien*, 1878→
Each paper is separately paged.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Beiträge zur Paläontologie Österreich-Ungarns und des Orients, herausgegeben von E. von Mojsisovics und M. Neumayr. Bd. I–VIII. 4⁰. *Wien*, (1880-) 1882–91.
On the wrappers of Hft. 1–3 the title reads: "Beiträge zur Paläontologie von Oesterreich-Ungarn und den angrenzenden Gebieten."

[*Continued as:*]

Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns und des Orients begründet von . . . E. v. Mojsisovics und . . . M. Neumayr. Mittheilungen des Paläontologischen Instituts der Universität Wien herausgegeben . . . von . . . W. Waagen ([and afterwards] G. von Arthaber, V. Uhlig, C. Diener, & F. E. Suess). Bd. IX→ 4⁰. *Wien*, (1894–) 1895→

Vienna.—Kaiserlich-Koenigliche Universitaet.
Schedæ ad Floram Exsiccatam Austro-Hungaricam a Museo Botanico Universitatis Vindobonensis editam auctore [I–VII] A. Kerner ([VIII & IX] C. Fritsch [X] Editore R. de Wettstein). Pt. I–X. 8⁰. *Vindobonæ*, 1881–1913.

Vienna.—Kaiserlich-Koenigliche Universitaet.
Botanisches Museum und Botanischer Garten. Verfasst von . . . K. Fritsch.—Das Pflanzenphysiologische Institut. Verfasst von . . . F. Krasser. *See* VIENNA. Die Botanischen Anstalten Wiens im Jahre 1894. No. 1. 8⁰. 1894.

VIENNA.—Kaiserlich-Koenigliche Zoologisch-Botanische Gesellschaft.
[1851 Founded as *Zoologisch-Botanischer Verein.*
1858 *Kaiserlich-Königliche Zoologisch-Botanische Gesellschaft.*]
Verhandlungen (Sitzungsberichte—Abhandlungen), *&c.* Bd. I–LVI. 8⁰. *Wien*, 1852–1906.

—— [Proceedings—Papers], *&c.* Bd. LVII→ 8⁰. *Wien*, 1907→

—— Personen-, Orts- und Sach-Register der fünf ersten Jahrgänge (1851–1855), *&c.* 8⁰. *Wien*, 1857.

—— der zweiten fünfjährigen Reihe (1856-1860), *&c.* 8⁰. *Wien*, 1862.

—— der zweiten zehnjährigen Reihe (1861–70), *&c.* 8⁰. *Wien*, 1872.

—— der dritten zehnjährigen Reihe (1871–80), *&c.* 8⁰. *Wien*, 1884.

—— der vierten zehnjährigen Reihe (1881–1890), *&c.* 8⁰. *Wien*, 1895.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Abhandlungen, *&c.* Bd. I→ 8⁰. *Wien & Jena*, 1901→
Each heft contains a separately-paged paper.
Bd. IV→ published at Jena.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Festschrift zur Feier des fünfundzwanzigjährigen Bestehens der . . . Gesellschaft, *&c. pp. 330 [1]: 18 pls. (col.), 1 map col.* 4⁰. *Wien*, 1876.
Contains:—
1. Die morphologische Bedeutung der Segmente, speciell des Hinterleibes, bei den Orthopteren. Von C. Brunner von Wattenwyl.
2. Die natürlichen Einrichtungen zum Schutze des Chlorophylls der lebenden Pflanze. Von J. Wiesner.
3. Ueber die Malayische Säugethier-Fauna. Von A. von Pelzeln.
4. Ueber die Organisation und systematische Stellung der Gattung *Scison*, Gr. Von C. Claus.
5. Beiträge zur Kenntniss der sogenannten falschen Chinarinden. Von A. Vogl.
6. Zur Teratologie der Ovula. Von J. Peyritsch.
7. C. Clusius' Naturgeschichte der Schwämme Pannoniens. Von H. W. Reichardt.
8. Die Schutzmittel der Blüthen gegen unberufene Gäste. Von A. Kerner.
9. Die Neuropteren Europas und insbesondere Oesterreichs, mit Rücksicht auf ihre geographische Verbreitung . . . Von F. Brauer.
10. Die Schlangen und Eidechsen der Galapagos-Inseln. Von F. Steindachner.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Botanik und Zoologie in Oesterreich in den Jahren 1850 bis 1900. Herausgegeben von der . . . Gesellschaft . . . anlässlich der Feier ihres fünfzigjährigen Bestandes. *pp. ix, 620 : 5 pls., 33 ports., text illust.* 8⁰. *Wien*, 1901.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. [History of the Society.] *See* VIENNA. Die Botanischen Anstalten Wiens im Jahre 1894. No. IV. 8⁰. 1894.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. F. X. F. von Wulfen's Flora Norica Phanerogama, *&c.* *See* WULFEN (F. X. VON). 8⁰. 1858.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Nachträge zu Maly's Enumeratio Plantarum Phanerogamicarum imperii Austriaci universi von A. Neilreich, *&c.* *See* NEILREICH (A.) 8⁰. 1861.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Nouveau système des Blattaires, *&c.* *See* BRUNNER VON WATTENWYL (C.) 8⁰. 1865.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Nachträge zur Flora von Nieder-Oesterreich von A. Neilreich, *&c.* *See* NEILREICH (A.) 8⁰. 1866.

This was issued as a supplement to the Society's "Verhandlungen," Bd. XVI.

—— von E. von Halacsy & H. Braun, *&c.* *pp. v, 354.* 8⁰. *Wien*, 1882.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Catalogus Hymenopterorum Europæ . . . Herausgegeben von der . . . Gesellschaft, *&c.* *See* KIRCHNER (L. A.) 8⁰. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Diagnosen der in Ungarn und Slavonien bisher beobachteten Gefässpflanzen welche in Koch's Synopsis nicht enthalten sind, *&c.* *See* NEILREICH (A.) 8⁰. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Die Diatomeen der hohen Tatra, *&c.* *See* SCHUMANN (J.) 8⁰. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Monographia generis Osmundæ, *&c.* *See* MILDE (C. A. J.) 8⁰. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Neu aufgefundene Abbildung des Dronte und eines zweiten kurzflügeligen Vogels, wahrscheinlich des Poule Rouge au Bec de Bécasse, der Maskarenen in der Privatbibliothek S. M. des verstorbenen Kaisers Franz, *&c.* *See* FRAUENFELD (G. VON). fol. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Die Vegetationsverhältnisse von Croatien, *&c.* *See* NEILREICH (A.) 8⁰. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Commelinaceæ Indicæ, imprimis Archipelagi Indici, *&c.* *See* HASSKARL (J. K.) 8⁰. 1870.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Systematische Aufzählung der im Erzherzogthume Oesterreich ob der Enns bisher beobachteten samenlosen Pflanzen (Kryptogamen), *&c.* *See* POETSCH (I. S.) & SCHIEDERMAYR (K. B.) 8⁰. 1872.

—— Nachträge, *&c.* 8⁰. 1894.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Monographie der Phaneropteriden. *See* BRUNNER VON WATTENWYL (C.) 8⁰. 1878.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Die Laubmoosflora von Oesterreich-Ungarn, *&c.* *See* JURATZKA (J.) 8⁰. 1882.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft. Monographie der Pseudophylliden, *&c.* *See* BRUNNER VON WATTENWYL (C.) 4⁰. 1895.

VIENNA.—Kaiserlich-Koenigliches Hof-Mineralien-Kabinet.

[*c.* 1748 Formed part of the private collection of the Sovereign, known as the *Hofnaturalien Kabinet.*
1851 Established as a separate institution.
1877 Incorporated in the *Kaiserlich-Koenigliches Naturhistorisches Hofmuseum*, q.v.]

Kurze Uebersicht der . . . zur Schau gestellten acht Sammlungen . . . von P. Partsch. *pp. 77 : 1 plan.* 8⁰. *Wien*, 1843.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Die Meteoriten, oder vom Himmel gefallenen Steine und Eisenmassen . . . Beschrieben . . . von P. Partsch. *pp. xii, 162 : 1 pl.* 8⁰. *Wien*, 1843.

This copy has been interleaved 4⁰.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Die Mineralien-Sammlung . . . von P. Partsch. *pp. 80.* 8⁰. *Wien*, 1843.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Die terminologische oder Kennzeichen-Sammlung . . . von P. Partsch. *pp. 44.* 8⁰. *Wien*, 1844.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Katalog der Bibliothek . . . Zweite . . . Auflage . . . von A. Schrauf. *pp. x, 310.* 8⁰. *Wien*, 1864.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Uebersicht der Sammlungen, *&c.* *pp. xii, 111.* 8⁰. *Wien*, 1873.

Vienna.—Kaiserlich-K. Hof-Mineral.-Kabinet. Das K.K. Hof-Mineraliencabinet . . die Geschichte seiner Sammlungen und die Pläne für die Neuaufstellung derselben in dem K. K. Naturhistorischen Hofmuseum, *&c.* *See* HOCHSTETTER (F. VON) *Baron.* 4⁰. 1884.

VIENNA.—Kaiserlich-Koenigliches Naturhistorisches Hofmuseum.

[*c.* 1748 Founded as the private collection of the Sovereign and known as the *Hofnaturalien Kabinet.*
1793 A special Zoological collection was started.
1803 A special Botanical collection was started.
1851 The collections were subdivided into independent institutes, viz. :—
(1) *Kaiserlich-Königliches Zoologisches Kabinet.*
(2) *Kaiserlich-Königliches Hofmineralien Kabinet.*
(3) *Kaiserlich-Königliches Botanisches Kabinet.*
1877 They were re-united as the *Kaiserlich-Koenigliches Naturhistorisches Hofmuseum.*
For history, *See* FITZINGER (L. J.) Sitzungsb. k. Akad. Wissensch. Wien. math.-nat. Class. Bd. XXI. *pp. 433–79*; LVII, abth. I, *pp. 1013–1092*; LVIII, abth. I, *pp. 35–120*; LXXXI, abth. I, *267–329*; LXXXII, abth. I, *pp. 279–334.*]

Annalen des Wiener Museums der Naturgeschichte, *&c.* Bd. I & II.† 4⁰. *Wien*, 1835–40.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Zoologische Abhandlungen aus den Annalen des Wiener Museums der Naturgeschichte I. und II. Bandes. Abth. I. Wirbelthiere. 4⁰. *Wien*, 1841.

Wanting Abth. II. Wirbellose Thiere.
A series of excerpts from the "Annalen," bearing the original pagination.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Annalen, *&c.* Bd. I→ 8⁰. *Wien*, 1886→

—— Register zu den Bänden I–IV (I–VI, I–VIII, I–X). 8⁰. [*Wien*, 1890–95.]

Issued with last part respectively of Bd. IV, VI, VIII & X.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Das K.K. Hof-Mineraliencabinet . . . und die Pläne für die Neuaufstellung derselben in dem K.K. Naturhistorischen Hofmuseum, *&c.* *See* HOCHSTETTER (F. C. VON) *Baron.* 4⁰. 1884.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Allgemeiner Führer durch das . . . Museum . . . Von . . . F. Ritter von Hauer. *pp. 366 : 2 plans, text illust.* 8⁰. *Wien*, 1889.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. I. a Born . . . Index Rerum Naturalium Musei Cæsarei Vindobonensis Pars 1ma Testacea.—Verzeichniss, *&c.* *See* Born (I. von). 8⁰. 1778.

—— [Another edition entitled :] Testacea Musei Cæsarei Vindobonensis, *&c.* fol. 1780.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Notitia collectionis insignis Vermium Intestinalium et exhortatio ad commercium litterarium, quo illa perficiatur, et scientiæ atque amatoribus reddatur communiter proficua [By J. G. Bremser], *&c.* *pp. 31.* 4⁰. (*Vindobonæ*, 1811.)

—— [German edition] Nachricht von einer beträchtlichen Sammlung thierischer Eingeweidewürmer, *&c.* *pp. 31.* 4⁰. (*Vindobonæ*, 1811.)
Differs from the preceding solely in the first 8 pp., which are in German instead of Latin.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Prodromus Floræ Norfolkicæ, sive Catalogus Stirpium quæ . . a F. Bauer collectæ . . . nunc in Museo . . . servantur. *See* Endlicher (S. L.) 8⁰. 1833.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Novarum Stirpium Decades. [By S. L. Endlicher and E. Fenzl.] Editæ a Museo, *&c.* 10 Pt. *pp. [iv,] 90.* 4⁰. *Vindobonæ*, 1839.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Ueber einige neue und seltene Fisch-Arten aus den K. K. Zoologischen Museen zu Wien . . . und Warschau. *See* Steindachner (F.) 4⁰. 1879.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Das Prachtstück Altmexikanischer Federarbeit aus der Zeit Montezuma's im Wiener Museum. *See* Dresden. —koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen, *&c.* 1886–87. No. 7. 4⁰. 1887.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Ueber einige neue und seltene Fisch-Arten aus der ichthyologischen Sammlung des . . . Hofmuseums. *See* Steindachner (F.) 4⁰. 1892.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Botanische Abtheilung des . . . Hofmuseums.—Aufzählung der im Herbarium des . . . Hofmuseums enthaltenen Pflanzensammlungen. Verfasst von . . . A. Zahlbruckner. *See* Vienna. Die Botanischen Anstalten Wiens im Jahre 1894. No. iii. 8⁰. 1894.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Schedæ ad "Kryptogamas exsiccatas." Cent. i→ 8⁰. *Wien*, 1894→
Ann. K. K. Natur. Hofmuseums. Bd. ix→

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Ipsa Draparnaudi Conchylia. Étude sur la Collection Conchyliologique de Draparnaud au Musée, *&c.* *See* Locard (A.) 8⁰. 1895.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum. Bibliothekskatalog der mineralogisch-petrographischen Abteilung des K. K. Naturhistorischen Hofmuseums. Nach dem Stande vom 31. Dezember 1909. Im Auftrage der Direktion bearbeitet von C. Hlawatsch. (Samt Nachtrag bis 31. Dezember, 1910.) *pp. iv [i], 334.* 8⁰. *Wien*, 1911.
Ann. K. K. Naturhist. Hofmuseums, Wien. Bd. xxiv, hft. 1 (1910); xxv, hft. 1 (1911).

VIENNA. — Kaiserlich - Koenigliches Zoologisches Kabinet.
[1851 Established as a separate Institution.
1877 Incorporated in the *K. K. Naturhistorisches Hof-Museum*, q.v.]
Die forst- und baumzuchtschädlichen Borkenkäfer (*Tomicides*, Lac.) aus der Familie der Holzverderber (*Scolytides*, Lac.) mit besonderer Berücksichtigung vorzüglich . . . der Sammlung des . . . Kabinetes, *&c.* *See* Ferrari (J. A.) *Count.* 8⁰. 1867.

VIENNA.—Kaiserliche Akademie der Wissenschaften. [Founded 1846.]
Sitzungsberichte . . . Mathematisch-naturwissenschaftliche Classe, *&c.* Bd. i→ 8⁰. *Wien*, 1848→
Bd. xliii–lxiv are each divided into 2 Abth.; Bd. lxv–xcvi into 3 Abth.; and Bd. cxvii→ into 4 Abth., according to subjects.

—— Register zu den ersten x Bänden, *&c.* 8⁰. *Wien*, 1854.

—— —— zweiten 10 Bänden, *&c.* 8⁰. *Wien*, 1856.

—— —— Bänden 21 bis 30, *&c.* 8⁰. *Wien*, 1859.

—— —— —— 31 bis 42, *&c.* 8⁰. *Wien*, 1862.

—— —— —— 43 bis 50, *&c.* 8⁰. *Wien*, 1865.

—— —— —— 51 bis 60, *&c.* 8⁰. *Wien*, 1870.

—— —— —— 61 bis 64, *&c.* 8⁰. *Wien*, 1872.

—— —— —— 65 bis 75, *&c.* 8⁰. *Wien*, 1878.

—— —— —— 76 bis 80, *&c.* 8⁰. *Wien*, 1880.

—— —— —— 81 bis 85, *&c.* 8⁰. *Wien*, 1882.

—— —— —— 86 bis 90, *&c.* 8⁰. *Wien*, 1885.

—— —— —— 91 bis 96, *&c.* 8⁰. *Wien*, 1888.

—— —— —— 97 bis 100, *&c.* 8⁰. *Wien*, 1892.

—— —— —— 101 bis 105, *&c.* 8⁰. *Wien*, 1897.

—— —— —— 106 bis 110, *&c.* 8⁰. *Wien*, 1902.

—— —— —— 111 bis 115, *&c.* 8⁰. *Wien*, 1907.

—— —— —— 116 bis 120, *&c.* 8⁰. *Wien*, 1912.

Vienna.—Kaiserliche Akad. der Wissensch. Denkschriften . . . Mathematisch-naturwissenschaftliche Classe, *&c.* Bd. i→ 4⁰. *Wien*, 1850→

—— Register zu den Bänden i–xxv, *&c.* 4⁰. *Wien*, 1867.

Vienna.—Kaiserliche Akad. der Wissensch. Anzeiger . . . Mathematisch - naturwissenschaftliche Classe. Jahrg. i→ 8⁰. *Wien*, 1864→

Vienna.—Kaiserliche Akad. der Wissensch. Almanach, *&c.* Jahrg. liii→ 8⁰. *Wien*, 1903→

Vienna.—Kaiserliche Akad. der Wissensch.— *Praehistorische Kommission.* Mitteilungen, *&c.* Bd. i→ *illust.* 4⁰. *Wien*, 1908→
Title from wrapper.

Vienna.—Kaiserliche Akad. der Wissensch. Die Vegetationsverhältnisse von Iglau, *&c.* *See* Pokorny (A.) 8⁰. 1852.

Vienna.—Kaiserliche Akad. der Wissensch. Versuch einer Geschichte der Pflanzenwelt, *&c.* *See* Unger (F. J. A. N.) 8⁰. 1852.

Vienna.—Kaiserliche Akad. der Wissensch. Aramæische Pflanzennamen, *&c.* *See* Loew (I.) 8⁰. 1881.

Vienna.—Kaiserliche Akad. der Wissensch.
Die Internationale Polarforschung 1882-1883.—Die Oesterreichische Polarstation Jan Mayen, ausgerüstet durch . . . Graf H. Wilczek; geleitet vom K. K. Corvetten-Capitän E. E. von Wohlgemuth. Beobachtungs-Ergebnisse, *&c.* 3 Bd. 4⁰. *Wien*, 1886.
Contains, *inter alia* :—
Bd. I.
Thl. 2. Aufnahme und Beschreibung der Insel Jan Mayen und Beobachtungen über Gletscherbewegung. Von A. Bóbrik von Boldva. *pp. 50 : 2 maps.*
Bd. III.
Thl. 6. Zoologie. *pp. 132 : 9 pls.*
A. Foraminiferen. Von V. Uhlig.
B. Poriferen, Anthozoën, Ctenophoren und Würmer. Von E. von Marenzeller.
C. Polypomedusen. Von L. von Lorenz.
D. Echinodermen. Von F. Fischer.
E. Crustaceen, Pycnogoniden und Arachnoideen. Von C. Koelbel.
F. Insecten. Von E. Becher.
G. Mollusken. Von E. Becher.
H. Bryozoën. Von L. von Lorenz.
I. Tunicaten. Von R. von Drasche.
K. Fische. Von F. Steindachner.
L. Vögel und Säugethiere. Von F. Fischer und A. von Pelzeln.
,, 7. Botanik. *pp. 21.*
A. Flora. Von H. W. Reichardt.
B. Untersuchungen einiger Treibhölzer. Von J. Schneider.
,, 8. Mineralogie. *pp. 20.*
Gesteine. Von F. Berwerth.

Vienna.—Kaiserliche Akad. der Wissensch.— *Erdbeben Commission.*
Mittheilungen, *&c.* Neue Folge. No. I→ 8⁰. *Wien*, 1901→
The preceding Series was published in the "Sitzungsberichte" of the Academy.

VIENNA.—Musée Impérial et Royal d'Histoire naturelle.
See supra, KAISERLICH-KOENIGLICHES NATURHISTORISCHES HOFMUSEUM.

VIENNA.—Museum Cæsareum Palatinum Vindobonense.
See supra, KAISERLICH-KOENIGLICHES NATURHISTORISCHES HOFMUSEUM.

VIENNA.—Naturwissenschaftlicher Verein an der Universitaet Wien.
[1872 Founded as *Akademischer Verein der Naturhistoriker an der Wiener Universitaet.*
1882 Re-constituted as *Naturwissenschaftlicher Verein an der Universitaet Wien.*]
Mittheilungen, *&c.* 1893-4→ 8⁰. *Wien*, 1894→
Wanting the numbers for 1895, 1897-1902 & 1903, pt. 1.

Vienna.—Naturw. Verein an der Univ. Wien.
Festschrift . . . Herausgegeben anlässlich der Feier des 25jährigen Bestandes . . . 1907. *pp. 105 [1] : 1 pl., text illust.* 8⁰. *Wien*, 1907.

VIENNA.—Ornithologen-Congress Wien, 1884.
See CONGRÈS INTERNATIONAL ORNITHOLOGIQUE, VIENNE, 1884.

VIENNA.—Ornithologischer Verein. [Founded 1876.]
Mittheilungen des . . . Vereines . . . Blätter für Vogelkunde, Vogel-Schutz und -Pflege. Redacteure: A. von Pelzeln und . . . C. von Enderes ([and afterwards] J. Kolazy; A. Kermenić; E. Hodek; G. von Hayek; O. Reiser, jun.; F. K. Knauer; & C. Pallisch). Jahrg. I-XX. *illust. (col.)* 4⁰. *Wien*, 1877-96.
Also styled, from Jahrg. XIV, "Die Schwalbe."
Wanting Jahrg. XIII; XIV, no. 1-8, 14, 16-20, & 22 to end; XV, no. 1, 2, & 5 to end; XVI; XVII; XVIII, no. 1, 2, 4, 5 & 7; XIX, no. 11.
With Jahrg. VIII & IX, 1884 & 1885 a supplementary portion was issued, entitled: "Section für Geflügelzucht und Brieftaubenwesen." Jahrg. I & 2.

VIENNA.—Pflanzenphysiologisches Institut.
See supra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—Technologisches Gewerbe-Museum. [Founded 1879.]
Lehrmittel . . . Burkart's Sammlung der wichtigsten Europäischen Nutzhölzer in characteristischen Schnitten, ausgeführt von F. M. Podany in Wien. Mit einem erläuternden Text, *&c.* *pp. 71.* 8⁰. *Brünn*, 1881.
Illustrated by thin sections of 40 different woods (three sections of each) mounted in a case.

VIENNA.—Verein fuer Vaterlaendische Geschichte, Statistik und Topographie.
Beiträge zur Landeskunde Oesterreich's unter der Enns. 4 Bd. [in 2.] 8⁰. *Wien*, 1832-34.
Contains, *inter alia* :—
Vol. I. No 6. Darstellung der Pflanzen-geographischen Verhältnisse. Von J. Zahlbruckner.
,, ,, ,, 8. Ueber die Ausarbeitung einer Fauna . . . nebst einer systematischen Aufzählung der in diesem Lande vorkommenden Säugethiere, Reptilien und Fische, als Prodrom einer Fauna derselben. Von L. J. Fitzinger.
,, II. ,, 1. Systematisches Verzeichniss der Schmetterlinge. Von V. Kollar.
,, III. ,, 2. Systematisches Verzeichniss der . . geradflügeligen Insekten. Von V. Kollar.
,, ,, ,, 3. Systematisches Verzeichniss der . . . Weichthiere als Prodrom einer Fauna derselben. Von L. J. Fitzinger.
,, ,, ,, 5. Garten und Gartenkunst. Von C. Ritter.
,, IV. ,, 4. Beiträge zur cryptogamischen Flora. Von F. Welwitsch.

VIENNA.—Verein zur Verbreitung Naturwissenschaftlicher Kenntnisse. [Founded 1860.]
Schriften, *&c.* Bd. I-XII. 1860-72. 8⁰. *Wien*, 1862-72.

VIENNA.—Wiener Botanischer Tauschverein. [Founded 1845.]
Jahres-Katalog pro 1895 des . . . Vereins . . . Herausgegeben von I. Dörfler, *&c.* 4⁰. *Wien*, 1895.

VIENNA.—Wiener Entomologischer Verein. [Founded 1890.]
Jahresbericht, *&c.* [No. I→] *illust. (col.)* 8⁰. *Wien*, 1891→

VIENNA.—Wiener Mineralogische Gesellschaft. [Founded 1901.]
Mineralogisches Taschenbuch der . . . Gesellschaft, 1911, *&c.* *pp. 192 : 2 ports.* 8⁰. *Wien*, 1911.

VIENNA.—Wiener Museum der Naturgeschichte.
See supra, KAISERLICH-KOENIGLICHES NATURHISTORISCHES HOFMUSEUM.

VIENNA.—Zoologisch-botanischer Verein.
See supra, KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT.

VIENNA.—Zoologisches Institut der Universität.
See supra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA. [*Maps.*] Geologische Special-Karte der Umgebung von Wien . . . 1889-90. Massstab 1 : 750,000 [*i.e.* 1 in. = 11¾ m. about]. 6 sh. *col.* *See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. [1894 ?]

Vienna. [*Maps.*] Geologische Karte der . . . Stadt Wien . . . Masstab 1 : 25,000 [*i.e.* 1 in. = 2½ in. about]. *See* SCHAFFER (F. X.) Geologie von Wien. Thl. I. s.sh. *col.* 1904.

VIERECK (HENRY L.) New genus and species of Hymenoptera of the family Braconidæ from Panama. *pp. 2.* *See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LIX, no. 5. 8⁰. 1912.

VIERHAPPER (FRIEDRICH) [1876-] Entwurf eines neuen Systemes der Coniferen. *pp. 56 : 2 text illust.* *See* VIENNA.—KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. V, no. 4. 8⁰. 1910.

VIETZ (Ferdinand Bernhard) [1772–1815] Icones Plantarum medico-œconomico-technologicarum cum earum fructus ususque descriptione. (Abbildungen aller medizinisch-ökonomisch-technologischen Gewächse, *&c.*) 10 Bd. *illust. col.* 4⁰. *Wien*, 1800–20.

Bd. I & II are in Latin and German printed in parallel columns: the remaining volumes are in German only.

—— Supplement-Band . . . Von J. L. Kerndl. 4⁰. *Wien*, 1822.

VIEWEG (Carl Friedrich) Tabellarisches Verzeichniss der in der Churmark Brandenburg einheimischen Schmetterlinge. 2 Hft. *illust. col.* 4⁰. *Berlin*, 1789–90.

The author's name appears only on the title-page of Hft. 2.

VIEYRA (Antonio) Novo Diccionario portatil das linguas Portugueza e Ingleza em duas partes. Portugueza e Ingleza—Ingleza e Portugueza. Resumido do Diccionario de Vieyra. Nova edição. 2 Vol. 12⁰. *Pariz*, 1878.

Printed in double column.

VIGANI (Giovanni Francesco) *See* Vigani (J. F.)

VIGANI (Joannes Franciscus) [*c.*1650–1712] Appendix processuum chymicorum in J. F. Vigani medullam Chemiæ, in Collegio Chymico . . . J. Bohnii . . . elaboratorum. *See* Koenig (E.) Κερας Ἀμαλθειας, *&c.* 4⁰. 1693.

VIGELIUS (Willem Johan) [–1888] Bijdrage tot de kennis van het excretorisch systeem der Cephalopoden. Academisch proefschrift, *&c.* *pp. i, 179 : 2 pls.* 8⁰. *Leiden*, 1879.

Vigelius (W. J.) Catalogue of the Polyzoa collected during the Dutch North-Polar Cruises of the "Willem Barents" in . . . 1878–79. *See* Niederlaendisches Archiv für Zoologie. Supplement-Band. 8⁰. 1882.

Vigelius (W. J.) Vergleichend-anatomische Untersuchungen über das sogenannte Pankreas der Cephalopoden, *&c.* *pp. 30 : 4 pl. col.* *See* Amsterdam. — koninklijke akademie van wetenschappen. Verhandelingen, *&c.* Deel. xxii. 4⁰. 1883.

Vigelius (W. J.) Die Bryozoen, gesammelt während der dritten und vierten Polarfahrt des "Willem Barents" in . . . 1880–81. *pp. 104 : 8 pls.* *See* Amsterdam.— koninklijk zoölogisch genootschap "natura artis magistra." Bijdragen tot de Dierkunde. Aflev 11. 4⁰. 1884.

VIGINEIX (Guillaume) & **Marès** (P.) Catalogue raisonné des Plantes Vasculaires des Îles Baléares. *See* Marès (P.) & Vigineix (G.) 8⁰. 1880.

VIGLIAROLO (Giovanni) Monografia dei *Pristis* fossili con la descrizione di una nuova specie del calcare miocenico di Lecce. *pp. 28 : 1 pl.* *See* Naples. — reale accademia delle scienze fisiche e matematiche. Atti, *&c.* Ser. II, vol. iv, append. no. 3. 4⁰. 1891.

Vigliarolo (G.) Dei generi *Micropteron*, *Dioplodon* e *Rhinostodes* e di una nuova specie fossile di *Rhinostodes* [*R. Lovisatoi*] scoperta nel calcare elveziano di Cagliari. *pp. 37 : 2 pls.* *See* Naples.—reale accademia delle scienze fisiche e matematiche. Atti, *&c.* Ser. II, vol. vi, no. 5. 4⁰. 1894.

—— [Preprint.] 4⁰. *Napoli*, 1893.

VIGNA (Dominico) [–1647] Animadversiones, sive observationes in libros de Historia, et de Causis Plantarum Theophrasti . . . quibus . . . addita fuit tabula . . . opera A. Checcacci, *&c.* *pp.* [*xlvi,*] *117.* 4⁰. *Pisis*, 1625.

VIGNE (Godfrey Thomas) [1801–1863] Travels in Kashmir, Ladak, Iskardo, the countries adjoining the mountain-course of the Indus, & the Himalaya, north of the Panjab, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1842.

VIGNET (Alois Anton von) Anzeige einer neuentdekten Buchenabart, von A. von Vignet. *See* Schmidt (F. W.) Sammlung physikalisch-ökonomischer Aufsätze, *&c.* 8⁰. 1795.

VIGNEUX (A.) Flore pittoresque des environs de Paris, contenant la description de toutes les Plantes qui croissent naturellement dans un rayon de dix-huit à vingt lieues de cette Capitale, *&c.* *pp. xxv, 214 : 62 pls., 1 map.* 4⁰. *Paris*, 1812.

VIGNON (P.) Les Cils vibratiles. *pp. 40 : text illust.* *See* Paris. — société zoologique de france. Causeries Scientifiques, *&c.* Vol. i, no. 3. 8⁰. 1900.

VIGORS (Nicholas Aylward) [1785–1840] Illustrations of Ornithology. By Sir W. Jardine . . . and P. J. Selby . . . With the co-operation of . . . N. A. Vigors, *&c.* 3 Vol. *See* Jardine (*Sir* W.) *Bart.* & Selby (P. J.) 4⁰. [1825–39.]

Vigors (N. A.) *See* Zoological Journal, *The* . . . Edited by N. A. Vigors. Vol. iii–v. 8⁰. 1828–35.

Vigors (N. A.) Ornithology. *See* Beechey (F. W.) The Zoology of Capt. Beechey's Voyage. 4⁰. 1839.

Vigors (N. A.) & **Horsfield** (T.) A description of the Australian Birds in the collection of the Linnean Society; with an attempt at arranging them according to their natural affinities. 4⁰. [*London*, 1827.]

Trans. Linn. Soc. Lond. Vol. xv. *pp. 170–331.*

Vigors (N. A.) & **Horsfield** (T.) [Lists and descriptions of Birds collected in Sumatra and Java.] *See* Raffles (S.) *Lady.* Memoir of the Life . . . of Sir S. Raffles, *&c.* 4⁰. 1830.

VIGUIER (L. G. Alexandre) Histoire naturelle, médicale et économique des Pavots et des Argémones, *&c.* [Thesis.] *pp. 50 : 1 pl.* 4⁰. *Montpellier*, 1814.

VILA (Estanislao Vayreda y) *See* Vayreda y Vila.

VILANOVA Y PIERA (José) [1836–1884] Datos Geológicos de la provincia de Valencia. *pp. 4 : text illust.* *See* Spain. — *Istituto Geológico de España.* Boletín, *&c.* Tom. viii. 8⁰. 1881.

VILANOVA Y PIERA (Juan) [1822–1893] Memoria Geognóstico-agrícola sobre la provincia de Castellon, *&c.* 4⁰. *Madrid*, 1859.

Mem. R. Acad. Cienc. Madrid. Tom. iv. *pp. 577–803 : 6 pls. (1 col.), text illust.*

Vilanova y Piera (Juan) Manual de Geología aplicada a la agricultura y a las artes industriales. 2 Tom. & Atlas [in 1 Vol.] 8⁰. *Madrid*, 1860, 61.

Vilanova y Piera (Juan) Ensayo de Descripcion Geognóstica de la provincia de Teruel, *&c.* *See* Spain. *Instituto Geológico de España.* fol. 1863.

Vilanova y Piera (Juan) Lo prehistórico en España. *pp. 43 : 4 pls.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. i. 8⁰. 1872.

Vilanova y Piera (Juan) La estructura de las Rocas serpentínicas y el *Eozoon Canadense.* *pp. 6.* *See* Madrid.—real sociedad española de historia natural. Anales, *&c.* Tom. iii. 8⁰. 1874.

Vilanova y Piera (Juan) Ensayo de Diccionario Geográfico-Geológico. (Essai de Dictionnaire Géographique et Géologique.) SPAN. & FR. *pp. vii, 216 : text illust.* 8⁰. *Madrid*, 1884.
With autograph of the author.

VILHELM (J.) Teratologická pozorování na Toliji [Teratological observations on the Liverwort] (*Parnassia palustris* L.). *pp. 8 : 1 pl. See* Prague. — Česká akademie císaře Františka Josefa, *&c.* Rozpravy . . . Třída II. Roč. viii, čís. 18. 8⁰. 1899.

VILLA (Antonio) [-1885] Sulla distribuzione orogeografica dei Molluschi terrestri nella Lombardia, *&c. pp. 15.* 8⁰. *Milano*, 1849.
Atti Soc. Geol. Milano. Vol. i.

Villa (A.) Intorno tre opere di Malacologia del Sig. Drouet . . . relazione. *pp. 19.* 8⁰. *Milano*, 1856.
Atti Accad. Fisico-Medico-Statistica Milano. Vol. i.

Villa (A.) Sulla monografia del Bombice del Gelso del Dottor E. Cornalia, *&c. pp. 11.* 8⁰. *Milano*, 1857.
Atti Accad. Fisico-Medico-Statistica Milano. Vol. ii.

Villa (A.) Intorno agli Studi Geologici e Palæontologici sulla Lombardia del . . . A. Stoppani. *pp. 12.* 8⁰. *Milano*, 1858.
Atti. Accad. Fisico-Medico-Statistica Milano. Vol. iii.

Villa (A.) Notizie di Scienze Naturali ed Agronomia. Lettera, *&c.* [*2 pp.*] 4⁰. (*Milano*, 1860.)
Giorn. Ing. Arch. & Agron. Milano. An. viii.

Villa (A.) Osservazioni Zoologiche eseguite durante l'ecclisse parziale di sole del 18 luglio, 1860. *pp. 4.* 8⁰. (*Milano*, 1860.)
Atti Soc. Ital. Sci. Nat. Milano. Vol. ii.

Villa (A.) Relazione ed osservazioni sulla Monografia degli Unii della Francia, *&c. pp. 16.* 8⁰. *Milano*, 1860.
Atti Ateneo Milano. Tom. xv.

Villa (A.) Straordinaria apparizione di Insetti carnivori. [*pp. 2.*] 4⁰. (*Milano*, 1860).
Giorn. Ing. Arch. & Agron. Milano. An. viii.

Villa (A.) Sull'origine delle Perle e sulla possibilità di produrle artificialmente, *&c. pp. 19.* 8⁰. *Milano*, 1860.
Il Politecnico. Vol. viii.

Villa (A.) Della annessione dei Molluschi di Savoja e Nizza alla Fauna Francese. *pp. 13.* 8⁰. *Milano*, 1862.
Il Politecnico. Vol. xiv.

Villa (A.) Apparizione periodica della Carruga comune o Melolonta. *pp. 7.* 8⁰. *Milano*, 1863.
Giorn. & Atti Soc. Agrar. Lombardia.

Villa (A.) Le Cantaridi. *pp. 4 : 1 pl.* 8⁰. (*Milano*, 1864.)
Illustrazione Italiana. No. 17.

Villa (A.) Le Farfalle. *pp. 16.* 8⁰. *Milano*, 1865.
Il Adolescenza.

Villa (A.) Gli Insetti longicorni. *pp. 8.* 8⁰. *Milano*, 1867.
Il Giudice Conciliatore, No. 7.

Villa (A.) Riflessioni sugli Insetti e nuove osservazioni sui Medesimi durante l'eclisse del 6 Marzo 1867. *pp. 10.* 8⁰. *Milano*, 1867.
Atti Soc. Ital. Sci. Nat. Milano. Vol. x.

Villa (A.) & (G. B.) Dispositio systematica Conchyliarum terrestrium et fluviatilium quæ adservantur in collectione fratrum A. et J. B. Villa . . . conspectu abnormitatum novarumque specierum descriptionibus adjectis. *pp. 62* [*2*]. 4⁰. *Mediolani*, 1841.

Villa (A.) & (G. B.) Sulla costituzione geologica e geognostica della Brianza e segnatamente sul terreno Cretaceo, *&c. pp. 46 : 2 pls., 1 map col.* 8⁰. *Milano*, 1844.
Spettatore Industriale. No. 1, 2.

Villa (A.) & (G. B.) Catalogo dei Coleopteri della Lombardia. *pp. 77.* 8⁰. *Milano*, 1844.
Notizie Naturali e Civili sulla Lombardia. Vol. i.

Villa (A.) & (G. B.) Catalogo dei Molluschi della Lombardia. (Nota delle specie da aggiungersi o da emendarsi nel catalogo, *&c.*) *pp. 10* [*1*]. 8⁰. *Milano*, 1844 (-53).
Notizie Naturali e Civili sulla Lombardia. Vol. i.

Villa (A.) & (G. B.) Notizie intorno al genere *Melania, &c. pp. 10.* 8⁰. *Milano*, 1855.
Diario ed Atti Accad. Fisico-Medico-Statistica. Milano, 1855.

Villa (A.) & (G. B.) Il Museo di Storia Naturale dei Signori A. e G. Villa di Milano. [By A. Senoner.] *See* Senoner (A.) 8⁰. [1856.]

Villa (A.) & (G. B.) Notizie sulle Cavallette o Locuste, *&c. pp. 12.* 8⁰. *Milano*, 1867.

VILLA (Estanislao Vayreda y) *See* Vayreda y Villa.

VILLA (Estevan de) Ramíllete de Plantas, *&c. fol.* [*iii,*] *148* [*4*]. 8⁰. *Burgos*, 1637.

VILLA (Giovanni Battista) Osservazioni geognostische e geologiche fatte in una gita sopra alcuni colli del Bresciano e del Bergamasco, *&c. pp. 8 : 1 pl.* 8⁰. *Milano*, 1857.
Giorn. Ing. Arch. & Agron. Milano. An. v.

Villa (G. B.) & (A.) Dispositio systematica Conchyliarum terrestrium et fluviatilium quæ adservantur in collectione fratrum A. et J. B. Villa, *&c. See* Villa (A.) & (G. B.) 4⁰. 1841.

Villa (G. B.) & (A.) Sulla costituzione geologica e geognostica della Brianza e segnatamente sul terreno Cretaceo, *&c. See* Villa (A.) & (G. B.) 8⁰. 1844.

Villa (G. B.) & (A.) Catalogo dei Coleopteri della Lombardia. *See* Villa (A.) & (G. B.) 8⁰. 1844.

Villa (G. B.) & (A.) Catalogo dei Molluschi della Lombardia. (Nota, *&c.*) *See* Villa (A.) & (G. B.) 8⁰. 1844 (-53).

Villa (G. B.) & (A.) Notizie intorno al genere *Melania, &c. See* Villa (A.) & (G. B.) 8⁰. 1855.

Villa (G. B.) & (A.) Il Museo di Storia Naturale dei Signori A. e G. Villa di Milano. [By A. Senoner.] *See* Senoner (A.) 8⁰. [1856.]

Villa (G. B.) & (A.) Notizie sulle Cavallette o Locuste, *&c. See* Villa (A.) & (G. B.) 8⁰. 1867.

VILLADA (Manuel Maria) Estudios sobre la Flora (—sobre la Fauna) de Pachuca, Mineral del Chico, Real del Monte, Huasca y Barranca Honda. *See* Mexico. — *Comision científica de Pachuca.* Memoria de los trabajos ejecutados por la Comision . . . en . . . 1864, *&c.* 8⁰. 1865.

Villada (M. M.) Plantas de Cacahuamilpa colectadas por . . . M. Villada. *See* Puga (G. B. y) Reseña de una excursión á la Caverna de Cacahuamilpa, *&c.* Apéndice. 8⁰. 1892.

Villada (M. M.) & **Peñafiel** (A.) Estudio sobre una nueva especie del género "*Cantharis.*" *See* MEXICO.—*Comision científica de Pachuca.* Memoria de los trabajos ejecutados por la Comision . . . en . . . 1864, *&c.* 8⁰. 1865.

VILLAGAGNON. *See* VILLEGAGNON.

VILLANOVA (TOMAS) Observaciones sobre el Esqueleto del Megaterio de Buenos Ayres que se halla en el Gabinete del Historia Natural de Madrid. 4⁰. [1838 ?]
A transcript in the handwriting of W. Clift from the "Gaceta de Madrid" of 1836.

VILLANUEVA (AUGUSTO) Carte del Desierto de Atacama. Basada en los estudios del injeniero . . A. Villanueva . . . Segunda edicion. Escala de 1 : 1,000,000 [*i.e.* 1 in. = 15¾ m. about]. *See* ATACAMA, *Desert of.* [*Maps.*] s.sh. [1879 ?]

VILLANUEVA (MÁXIMO LAGUNA Y) *See* LAGUNA Y VILLANUEVA.

VILLAR (CELESTINO FERNANDEZ) *See* FERNANDEZ-VILLAR.

VILLARD (LOUIS) Observations sur les *Cryptocephalus cognatus, equiseti* et *alnicola*, A. Costa. *pp. 2. See* NAPLES.—REGIA UNIVERSITÀ DEGLI STUDI. Annuario del Museo Zoologico della R. Università di Napoli (Nuova Serie). Vol. I, no. 8. 4⁰. 1903.

VILLARELLO (JUAN D.) [1869–] Algunas regiones Petrolíferas de México. *pp. 120 : 3 maps. See* MEXICO. —*Instituto Geológico.* Boletín, *&c.* No. 26. 4⁰. 1908.

Villarello (J. D.) El Pozo de Petroleo de Dos Bocas, estado de Veracruz. *pp. 112 : 25 pls., 2 maps. See* MEXICO. — *Instituto Geológico.* Parergones, *&c.* Tom. III, no. 1. 8⁰. 1909.

Villarello (J. D.) Las Aguas subterraneas en el borde meridional de la cuenca de Mexico, *&c. pp. 80 : 12 pls., 1 map. See* MEXICO.—*Instituto Geológico.* Boletín, *&c.* No. 28. 4⁰. 1911.

Villarello (J. D.) & **Boese** (E.) Los Criaderos de Fierro . . . de la Hacienda de Vaquerías, estado de Hidalgo. *See* MEXICO.—*Instituto Geológico.* Boletín, *&c.* No. 16. 4⁰. 1902.

VILLARINHO DE SANTO ROMÃO, *Viscount de. See* LOBO DE BARBOSA FERREIRA TEIXEIRA GYRAO.

VILLARS (DOMINIQUE) [1745–1814] Flora Delphinalis . . . a J. E. Gilibert, editum. Opera . . D. Villar. *pp. vii, 127. See* LINNÆUS (C.) [*Works.*] C. Linnæi . . . Systema Plantarum Europæ . . . Curante J. E. Gilibert. Tom. I. 8⁰. 1785.

Villars (D.) Histoire des Plantes de Dauphiné, *&c.* 3 Tom. 8⁰. *Grenoble, Lyon & Paris*, 1786–89.

Villars (D.) Mémoires sur la Topographie et l'Histoire naturelle . . . suivis d'observations sur la Nature des montagnes ; — sur les Animaux et les Plantes microscopiques ;—Sur le Sang, et sur la Fibrine ; et d'un IIIᵉ. Mémoire sur une Fièvre épidémique, *&c. pp.* [*viii,*] *172* [*9*] *: 1 pl.* 8⁰. *Lyon & Paris*, An XII [1804].

Villars (D.) Catalogue méthodique des Plantes du Jardin de l'École de Médecine de Strasbourg. *pp. xlviii, 398 : 6 pls.* 8⁰. *Strasbourg*, 1807.

Villars (D.) & **others.** Précis d'un Voyage Botanique, fait en Suisse, dans les Grisons, aux sources du Rhin, au Saint-Gothard, dans le département du Tessin, le Milanais, le Piémont ; autour du lac Majeur, sur le Simplon, au Vallais, etc., en . . . 1811. Précédé de quelques réflexions sur l'utilité des voyages pour les naturalistes. Par D. Villars, G. Lauth et A. Nestler, *&c. pp. 64 : 4 pls.* 8⁰. *Paris & Strasbourg*, 1812.

VILLATE (ENRIQUE) & **others.** Estudios hidrogeológicos : provincia de Toledo, zona del Alberche y Guadarrama en la cuenca del Tajo. *pp. 67 : 1 map col. See* SPAIN.—*Instituto Geológico de España.* Boletín, *&c.* Tom. XXIX. 8⁰. 1909.

VILLAVICENCIO Y PONCE (ALEJANDRO) Un descubrimiento nuevo : Superfosfato de Cal, *&c. pp. 7.* 8⁰. *Quito-Ecuador*, 1904.

VILLE (GEORGES) [1824–1897] Recherches expérimentales sur la Végétation. *pp. viii, 133 : 2 pls.* 4⁰. *Paris*, 1853.

—— Deuxième édition. Mémoires et Mélanges. Tom. I. *pp. lv* [*ii,*] *399 : 3 pls., text illust.* 8⁰. *Paris*, 1868.

—— Rapport fait par M. Chevreul à l'Académie des Sciences, *&c. See* CHEVREUL (M. E.) 4⁰. 1855.

Ville (G.) L'Analyse de la Terre par les Plantes. *See* PARIS.—MUSÉUM D'HISTOIRE NATURELLE. Centenaire de la fondation du Muséum, *&c.* 4⁰. 1893.

VILLE (JEAN BAPTISTE DE) Histoire des Plantes de l'Europe, et des plus usitées qui viennent d'Asie, d'Afrique, & d'Amérique . . . rangée suivant l'ordre du Pinax de G. Bauhin. 2 Tom. *illust.* 12⁰. *Lyon*, 1707.

—— [Another edition with preface signed by N. De Ville.] 2 Tom. 12⁰. *Lyon*, 1737.

VILLE (LUDOVIC) [–1877] Recherches sur les roches, les eaux et les gîtes minéraux des provinces d'Oran et d'Alger. *pp. iv, 423 : 4 pls.* 4⁰. *Paris*, 1852.

Ville (L.) Notice minéralogique sur les provinces d'Oran et d'Alger. *pp. vii, 349 : text illust.* 4⁰. *Paris*, 1857.

VILLEGAGNON (NICOLAS DURAND DE) [*c.* 1510–1571] Exemplar duarum litterarum, quibus breviter explicantur . . . navigatio N. Villagagnonis . . . in illam Americæ provinciam, quæ ultra æquatorem ad tropicum usque Capricorni extenditur, *&c. See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*America.* Pt. III.—*Latin.*] Americæ tertia pars, *&c.* fol. 1592.

Villegagnon (N. D. DE) Voyage to South America. *See* CALLANDER (J.) Terra Australis cognita, *&c.* Vol. I. 8⁰. 1766.

VILLEGAIGNON (NICOLAS DURAND DE) *See* VILLEGAGNON.

VILLENEUVE (H. DE) *See* VILLENEUVE-FLAYOSC (H. DE) *Count.*

VILLENEUVE (LOUIS PIERRE COURET DE) *See* COURET DE VILLENEUVE.

VILLENEUVE-FLAYOSC (HIPPOLYTE DE) *Count* [1803–] Coupe du terrain sur lequel est creusé le Bassin de Carénage. 8⁰. [*Marseilles*, 1832.]
Ann. Sci. & Indust. Midi France. Tom. I. *pp. 94–96.*

Villeneuve-Flayosc (H. DE) *Count.* Explication de la coupe géologique de Toulon au Volcan de Rougier. 8⁰. [*Marseilles*, 1832.]
Ann. Sci. & Indust. Midi France. Tom. I. *pp. 225–233 : 1 pl. col.*

Villeneuve-Flayosc (H. DE) *Comt.* Description Minéralogique et Géologique du Var et des autres parties de la Provence, *&c.* *pp. xxviii, 532 : 1 pl. col.* 8⁰. *Paris*, 1856.

VILLEPREUX (JEANNETTE DE)
See POWER (J.) *Madame.*

VILLERS (CHARLES JOSEPH DE) [1724–1810] C. Linnæi Entomologia Faunæ Suecicæ descriptionibus aucta ... Curante & augente C. de Villers. 4 Tom. & Atlas. *See* LINNÆUS (C.) 8⁰. & fol. 1789.
The Atlas, which is sometimes quoted as a separate work, is entitled "Nomenclator iconum Entomologiæ Linneanæ," &c.

VILLERS-CHASSAING ( ) *Professor of Botany at Bordeaux* [–1810] Catalogue des Plantes du Jardin de Botanique de la Gironde. [By Villers-Chassaing.] *See* BORDEAUX.—*Jardin des Plantes.* 8⁰. [1802 or 1803.]

VILLET ( ) Zoological Museum. A description of a . . . collection of . . . specimens in every class of natural history . . . formed at the Cape of Good Hope . . . by . . . M. Villet. *pp. 36.* 8⁰. *London* [1825 ?]

—— [Another edition.] *pp. 24.* 8⁰. *London*, 1828.
Sale catalogue with manuscript notes of the prices paid for many of the lots.

VILLEZ (EUGEN VON RANSONNET) *Baron.*
See RANSONNET-VILLEZ.

VILLIERS (ANDRÉ JEAN FRANÇOIS MARIE BROCHANT DE) *See* BROCHANT DE VILLIERS (A. J. F. M.)

VILLIERS (F. T. BIDAULT DE)
See BIDAULT DE VILLIERS.

VILLIERS (FRANÇOIS DE) [1790–1847] & **Guénée** (A.) Tableaux synoptiques des Lépidoptères d'Europe, contenant la description de tous les Lépidoptères connus jusqu'à ce jour, *&c.* Tom. I.† Diurnes. *pp. iii, 147 : 1 pl.* 4⁰. *Paris & Londres*, 1835.
The work was to have been completed in 8 volumes.
This volume was issued in five parts of four sheets each (Ann. Soc. Ent. France, Tom. IV, 1835, pp. xxxiv, xlviii, lxviii & cxxii).

VILLOT (ALFRED)
Organisation et développement de quelques espèces de Trématodes Endoparasites marins. *pp. 40 : 6 pls.*
Migrations et métamorphoses des Ténias des Musaraignes. *pp. 19 : 1 pl.*
See ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. VIII, no. 2 & 5. 8⁰. 1878 (1879).

Villot (A.) Nouvelles recherches sur l'organisation et le développement des Gordiens. *pp. 44 : 2 pls.* *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XI, no. 3. 8⁰. 1881.

Villot (A.) Mémoire sur les cystiques des Ténias. *pp. 61 : 1 pl.* *See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XV, no. 4. 8⁰. 1883.

Villot (A.) Gordiens de Sumatra. Description de deux espèces nouvelles. *See* WEBER (M. C. W.) Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, *&c.* Bd. II. 8⁰. 1891.

VILMORIN (MAURICE LEVÊQUE DE) & **Bois** (D.) Fruticetum Vilmorinianum. Catalogus Primarius. Catalogue des Arbustes existant en 1904 dans la Collection de M. M. L. de Vilmorin, avec la description d'espèces nouvelles, *&c.* *pp. xvi, 284.* 8⁰. *Paris*, 1904.

VILMORIN (PIERRE PHILIPPE ANDRÉ LEVÊQUE DE) [1776–1862] *See* REVUE HORTICOLE . . . Par . . . Vilmorin. Sér. I, tom. I. Ann. 1858. 12⁰. & 8⁰. 1832–1858.

VILMORIN-ANDRIEUX ET CIE. [Les Fleurs de Pleine Terre, comprenant la description et la culture des Fleurs Annuelles vivaces et bulbeuses, *&c.* 2 Tom. 4⁰. *Paris*, 1863.]
Wanting.

—— Deuxième édition. *pp. v, 1296 : 4 plans (col.), text illust.* Atlas, *pp. iii, 28 : 1128 figs.* 8⁰. *Paris*, 1866.

—— Troisième édition. *pp. vii, 1563 : 4 plans (col.), text illust.* 8⁰. *Paris*, 1870.

Vilmorin-Andrieux et Cie. Les Plantes potagères. Description et culture des principaux Légumes des climats tempérés. *pp. xvi, 650 : text illust.* 8⁰. *Paris*, 1883.

Vilmorin-Andrieux et Cie. The Vegetable Garden. Illustrations, descriptions, and culture of the garden vegetables of cold and temperate climates . . . [Translated from the French by W. Miller.] English edition published under the direction of W. Robinson, *&c.* *pp. xvi, 620.* 8⁰. *London*, 1885.

Vilmorin-Andrieux et Cie. Céréales. Plantes fourragères et économiques qui se trouvent chez Vilmorin-Andrieux et Cie. Indications sommaires sur les qualités, l'emploi et la culture des différentes espèces, *&c.* *pp. 92.* 8⁰. *Paris* [1885].

VINALL (H. N.) Forage Crops for the Sand-Hill section of Nebraska. *pp. 23 : text illust.* *See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Circular No. 80. 8⁰. 1911.

VINASSA DE REGNY (PAOLO EUGENIO) [1871–]
See RIVISTA ITALIANA DI PALEONTOLOGIA. Redatori V. Simonelli, P. Vinassa. Vol. III→ 8⁰. 1897→

Vinassa de Regny (P. E.) Paleontologia. *pp. xi, [i,] 510 : text illust.* 8⁰. *Milano*, 1902.
Manuali Hoepli.

Vinassa de Regny (P. E.) Fossili Ordoviciani del nucleo centrale Carnico. *pp. 48 : 3 pls.* *See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. V, vol. III, no. 12. 4⁰. 1910.

Vinassa de Regny (P. E.)
Trias-Spongien aus dem Bakony.
Neue Schwämme, Tabulaten und Hydrozoen aus dem Bakony.
Trias-Tabulaten, Bryozoen und Hydrozoen aus dem Bakony.
See BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der Wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1, Anhang. Palaeontologie der Umgebung des Balatonsees. Bd. I, no. 2, 3, 4. 4⁰. 1911.

Vinassa de Regny (P. E.) & **Buscalioni** (L.) Le pellicole di collodio nello studio dei Fossili e dei Minerali. *pp. 8 : 1 pl.* *See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. V, vol. III, no. 3. 4⁰. 1910.

Vinassa de Regny (P. E.) & **others.** L'Eruzione Etnea del 1910. 6 Pt. *illust.* *See* CATANIA.—ACCADEMIA GIOENIA DI SCIENZE NATURALI. Atti, *&c.* Ser. V, vol. IV, no. 17–22. 4⁰. 1911.

VINCENDON-DUMOULIN (ADRIEN CLÉMENT) [1811–1855] & **Desgraz** (C.) Îles Marquises, ou Nouka-Hiva. Histoire, géographie . . . et considérations générales, *&c.* *pp. viii, 362 : 4 maps.* 8⁰. *Paris*, 1843.

VINCENNES.—École d'Ailanticulture annexés à la Ferme Impériale de Vincennes.
See REVUE DE SÉRICICULTURE COMPARÉE. Journal agricole formant les Annales . . . de l'École, *&c.* 4 Tom. 8⁰. 1863–66 [–1867].

VINCENT (BENJAMIN) [-1899] Haydn's Dictionary of Dates . . . sixteenth edition . . . By B. Vincent. *See* HAYDN (J.) 8⁰. 1878.

—— Nineteenth edition, *&c.* 8⁰. 1889.

—— Twenty-second edition, *&c.* 8⁰. 1898.

—— Twenty-fifth edition, *&c.* 8⁰. 1910.

VINCENT (GÉRARD) & **Lefèvre** (T.) Note sur la Faune Laekenienne supérieure des environs de Bruxelles. *See* LEFÈVRE (T.) & VINCENT (G.) 8⁰. [1872.]

VINCENT (LEVINUS) Catalogus et descriptio Animalium Volatilium, Reptilium, & Aquatilium . . . aliarumque creaturarum rarissimarum . . . quæ in liquoribus ad vivum conservat L. Vincent.—Catalogue et description des Animaux Volatils, *&c.* *pp. 72.* 4⁰. *La Haye*, 1726.

Latin and French in parallel columns.

Vincent (L.) Descriptio Pipæ, seu Bufonis aquatici Surinamensis . . . addita succincta descriptione Ranarum . . . cui accedit descriptio omnium diversorum generum Bufonum et Ranarum . . . conservatorum in Gazophylacio L. Vincent—Description du Pipa, *&c.* *pp. [xxii,] 63 (16) : 2 pls.* 4⁰. *Haarlem*, 1726.

Latin and French on opposite pages.

VINCENTIUS, *Bellovacensis* [VINCENT DE BEAUVAIS] [1190?-1264] [*Begin. Vol. 1, fol. 1 recto :*] Incipit speculū naturale Vincentij beluacēſ̄ fratris ordinis p̄dicatorum. fol. [*Strasburg*, 1473?]

Wanting Books 19-33. Without title-page, pagination or signatures. Printed in double column; 66, 67 lines to a full column. Only the larger capitals at the head of each book have been painted in. The spaces for those to the paragraphs remain blank.

VINCI (LEONARDO DA) [1452-1519] Il Codice di L. da Vinci della biblioteca di Lord Leicester, in Holkam Hall, pubblicato sotto gli auspici del R. Istituto Lombardo di Scienze e Lettere . . . da G. Calvi. *pp. xxxiii, 242 [1]. 73 pls.* fol. *Milano*, 1909.

VINCIGUERRA (DECIO) Sur l'opportunité d'une Exploration océanographique de la Méditerranée, dans l'intérêt des pêches maritimes. *pp. 10. See* MONACO.—*Institut Océanographique.* Bulletin, *&c.* No. 138. 8⁰. 1909.

VINDIN (DAWSON A.) Western Australia. *pp. 42, 42 : text illust.* obl. fol. *Perth* [*W.A.*], 1898.

VINDINGIUS (PAULUS) [1658-1712] O. Borrichii Dissertationes . . . cum P. Vindingii . . . oratione parentali, in obitum Borrichii publice olim dicta, *&c.* *See* BORRICHIUS (O.) 8⁰. 1715.

VINE (GEORGE ROBERT) [-1893] Third (—Fifth) Report of the Committee . . . appointed for the purpose of reporting on Fossil Polyzoa. 3 Pt. 8⁰. [*London*, 1883-85.]

Rept. Brit. Assoc. 1882-84.

Vine (G. R.) Notes on the Cambridge Greensand. *pp. 20 : 2 pls.* 8⁰. [*Leeds*, 1885.]

Proc. Yorks. Geol. & Polytech. Soc. Vol. IX.

Vine (G. R.) Notes on the Yoredale Polyzoa of north Lancashire. *pp. 29 : 1 pl.* 8⁰. [*Leeds*, 1886.]

Proc. Yorks. Geol. & Polytech. Soc. Vol. IX.

Vine (G. R.) Report of the Committee . . . appointed for the purpose of reporting on recent Polyzoa . . . Report on recent marine Polyzoa; Cheilostomata and Cyclostomata only. *pp. 200.* 8⁰. [*London*, 1886.]

Rept. Brit. Assoc. 1885.

Vine (G. R.) Report of the Committee . . . appointed to prepare a report on the Cretaceous Polyzoa. *pp. 19.* 8⁰. [*London*, 1891.]

Rept. Brit. Assoc. 1890.

VINES (SYDNEY HOWARD) [1849-] Text Book of Botany . . . edited with an appendix by S. H. Vines. Second edition. *See* SACHS (F. G. J. VON) 8⁰. 1882.

Vines (S. H.) An elementary Text-Book of Botany . . . edited by S. H. Vines, *&c.* *See* PRANTL (K. A. E.) 8⁰. 1885.

Vines (S. H.) Lectures on the Physiology of Plants. *pp. x, 710 : text illust.* 8⁰. *Cambridge*, 1886.

Vines (S. H.) *See* ANNALS OF BOTANY: edited by . . . S. H. Vines, *&c.* Vol. I-XIII. 8⁰. 1887-99.

Vines (S. H.) A Students' Text-Book of Botany. 2 Pt. *pp. xvi, 821 : text illust.* 8⁰. *London*, 1894-95.

Vines (S. H.) An elementary Text-Book of Botany. *pp. xv, 611 : text illust.* 8⁰. *London & New York*, 1898.

Vines (S. H.) Syllabus of a lecture on the Origins of Systematic Botany: Morison and Ray, delivered . . . 1911, *&c.* 8⁰. *Oxford* [1911].

Vines (S. H.) & **Bower** (F. O.) A Course of Practical Instruction in Botany, *&c.* 2 Pt. *See* BOWER (F. O.) & VINES (S. H.) 8⁰. 1885-87.

VINGE (AXEL) Bidrag till kännedomen om Ormbunkarnes Bladbyggnad. *pp. 82 : 3 pls. See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXV, no. 5. 4⁰. 1888-89.

VĪNOGHRADSKIĬ (SERGHYEĬ NĪKOLAEVĪCH) Beiträge zur Morphologie und Physiologie der Bacterien. Hft. I.† *pp. [iii,] 120 : 4 pls. col.* 8⁰. *Leipzig*, 1888.

This is a continuation of the author's paper "Ueber Schwefelbacterien," published in the "Bot. Zeit." 1877, No. 31-37.

VĪNOGHRADSKIĬ (VLADĪMIR NĪKOLAEVĪCH) O Korallakh Kaspiĭskagho Morya. [On the Corals of the Caspian Sea.] *See* ASTRAKHAN.—PETROVSKOE OBSHCHESTVO ĪZSLYEDOVATELEĬ ASTRAKHANSKAGHO KRAYA. Sbornīk trudov Chlenov, *&c.* 8⁰. 1892.

VINOT (LÉON) Étude sur les tremblements de Terre. *pp. 232 : 3 pls.* 8⁰. *Paris & Nancy*, 1893.

VINSON (AUGUSTE) Aranéides des îles de La Réunion, Maurice et Madagascar. *pp. cxx, 337 : 14 pls. col.* 8⁰. *Paris*, 1863.

One of two copies has a duplicate set of the plates in India proof, uncoloured and a photograph of the author.

Vinson (A.) Voyage à Madagascar au couronnement de Radama II. (Annexe.) *pp. [vi,] 575 (48, 7) : 7 pls. col.* 8⁰. *Paris*, 1865.

The Annexe contains :—
A. Catalogue des Mammifères . . . connus jusqu'à ce jour. [By] J. Verreaux.
B. Catalogue des Oiseaux. [By] J. Verreaux.
C-E. Liste des Coléoptères, Hémiptères et Diptères. Par C. Coquerel.
F. Lépidoptères. Par M. Guénée.

VINTENAT (ÉTIENNE PIERRE). *See* VENTENAT.

VINTSCHGAU (MAXIMILIAN HEINRICH CHRISTOF LEOPOLD CARL VON) [1832-1913] Geschmackssinn. Geruchssinn. *See* HERMANN (L.) Handbuch der Physiologie. Bd. III, thl. 2. 8⁰. 1880.

VIO (GUIDO) Della natura delle Spongie di mare, e particolarmente delle più rare, che allignano nel Golfo di Smirne. Lettera del . . . G. Vio. *See* OLIVI (G.) Zoologia Adriatica. 4⁰. 1792.

VIOLA (Carlo Maria) [1855-] Grundzüge der Kristallographie. *pp. x, 389 : text illust.* 8⁰. *Leipzig*, 1904.

VIOLLET-LE-DUC (Eugène Emmanuel) [1814-1879] Le Massif du Mont Blanc. Étude sur sa constitution Géodésique et Géologique, sur ses transformations et sur l'état ancien et moderne de ses glaciers. *pp. xvi, 280 : 16 pls., text illust.* 8⁰. *Paris*, 1876.

VIOLLETTE (Henri) [1809-] Note historique sur les recherches de MM. Gernez et Viollette, relatives à la cristallisation des dissolutions sursaturées. *See* Pasteur (L.) 4⁰. [1866.]

VIQUESNEL (Auguste) [1800-1867] Voyage dans la Turquie d'Europe. Description physique et géologique de la Thrace. 2 Vol. & Atlas. 4⁰. & fol. [*Paris*, 1855-1867.]

Wanting the two geological maps.
There is a "Notice sur la vie et les travaux d'A. Viquesnel" in Vol. I, by Vicomte d'Archaic, who also contributes a chapter on "Paléontologie" to Vol. II.

VIRCHOW (Rudolph Ludwig Carl) [1821-1902] Göthe als Naturforscher und in besonderer Beziehung auf Schiller. *pp. vi, 127.* 8⁰. *Berlin*, 1861.

Virchow (R. L. C.) [Darstellung der Lehre von den Trichinen, mit Rücksicht auf die dadurch gebotenen Vorsichtsmaassregeln, *&c.* 8⁰. *Berlin*, 1864.]

Wanting.

—— Dritte . . . Auflage, *&c.* *pp. 86 [1] : 1 pl. col., text illust.* 8⁰. *Berlin*, 1866.

Virchow (R. L. C.) Stenographischer Bericht der Verhandlung über die Trichinen-Frage in der Versammlung des Berliner Schlächtergewerks . . . unter Betheiligung des Herren . . . Virchow, . . . Hertwig, . . . Cohnheim, . . . Urban, *&c.* *pp. 38.* 8⁰. *Berlin*, 1866.

Virchow (R. L. C.) Anthropologie und prähistorische Forschungen. *See* Neumayer (G. B.) Anleitung zu wissenschaftlichen Beobachtungen auf Reisen, *&c.* 8⁰. 1875.

—— Zweite . . . Auflage. Bd. II. 8⁰. 1888.

Virchow (R. L. C.) Beiträge zur Landeskunde der Troas. *pp. 190 : 2 maps. See* Berlin.—koeniglich-preussische akademie der wissenschaften. Physikalische Abhandlungen, *&c.* 1879, abth. 3. 4⁰. 1880.

Virchow (R. L. C.) *See* Zeitschrift für Ethnologie . . . Redactions-Commission: R. Hartmann, R. Virchow, *&c.* Bd. xii-xix. 8⁰. 1880-87.

Virchow (R. L. C.) Ueber die Weddas von Ceylon und ihre Beziehungen zu den Nachbarstämmen. *pp. 143 : 3 pls., text illust. See* Berlin.—koeniglich-preussische akademie der wissenschaften. Physikalische Abhandlungen, *&c.* 1881, abth. 1. 4⁰. 1882.

Virchow (R. L. C.) Alttrojanische Gräber und Schädel. *pp. 152 : 13 pls. See* Berlin.—koeniglich-preussische akademie der wissenschaften. Physikalische Abhandlungen, *&c.* 1882, abth. 2. 4⁰. 1883.

Virchow (R. L. C.) Ueber Schlesischen Nephrit. 8⁰. *Berlin*, 1884.

Verhandl. Berl. Anthrop. Ges. 1884, *pp. 255-262.*

Virchow (R. L. C.) F. Bayern's Untersuchungen über die ältesten Gräber- und Schatzfunde in Kaukasien, herausgegeben, und mit einem Vorwort versehen, von R. Virchow. *See* Zeitschrift für Ethnologie. Bd. xvii, suppt. 8⁰. 1885.

Virchow (R. L. C.) Ueber alte Schädel von Assos und Cypern. *pp. 55 : 5 pl. See* Berlin.—koeniglich-preussische akademie der wissenschaften. Physikalische Abhandlungen, *&c.* 1884, abth. 2. 4⁰. 1885.

Virchow (R. L. C.) Ueber die ethnologische Stellung der prähistorischen und protohistorischen Aegypter, nebst Bemerkungen über Entfärbung und Verfärbung der Haare. *pp. 20 : 2 pls. See* Berlin.—koeniglich-preussische akademie der wissenschaften. Physikalische Abhandlungen, *&c.* 1898. 4⁰. 1898 [1899].

VIRÉ (Armand) La Faune souterraine: Études sur la Faune cavernicole du Jura, avec quelques mots sur la Faune des Catacombes de Paris et des Souterrains refuges de Naours (Somme). Recherches préhistoriques dans le Doubs et le Jura. *pp. 35 : text illust. See* Paris.—société de spéléologie. Mémoires, *&c.* Tom. I, no. 6. 8⁰. 1896.

Contains :—
Sur un Amphipode d'eau douce, *Niphargus Virei*, nov. sp. provenant des Grottes du Jura, par . . . É. Chevreux.
Isopodes recueillis par . . . A. Viré, dans les Grottes du Doubs et du Jura, par . . . A. Dollfus.

Viré (A.) Les Pyrénées souterraines (1re Campagne, 1897). (Les Grottes de Bétharram, Escalère, Labastide, *&c.*) *pp. 40 : 1 pl., text illust. See* Paris.—société de spéléologie. Mémoires, *&c.* Tom. III, no. 14. 8⁰. 1898 (1899).

Viré (A.) La Faune Souterraine de France. *pp. 157 [1] : 4 pls.* 8⁰. *Paris*, 1900 [*i.e.* 1899].

Viré (A.) & **Maheu** (J.) Recherches de Zoologie, de Botanique et d'Hydrologie souterraines effectuées pendant l'été 1900 dans les départements du Tarn, de l'Hérault et du Lot. *pp. 64 : 1 pl., text illust. See* Paris. société de spéléologie. Spelunca. Bulletin & Mémoires, *&c.* Tom. IV, no. 28. 8⁰. 1902.

VIREY (Jules Joseph) [1776-1847] Histoire naturelle . . . des Oiseaux. (With notes and "Vues générales sur les Quadrupèdes Vivipares, les Oiseaux, et sur la Nature organisée," by J. J. Virey.) 28 Tom. *See* Buffon (G. L. L.) *Count.* Histoire naturelle . . . nouvelle édition . . . rédigé par C. S. Sonnini. 8⁰. An. IX [1800]-XIII [1804].

Virey (J. J.) *See* Dictionaries. Nouveau Dictionnaire d'Histoire naturelle, *&c.* 24 Vol. 8⁰. 1803-4.

—— Nouvelle édition, *&c.* 36 Vol. 8⁰. 1816-19.

Virey (J. J.) Histoire des mœurs et de l'instinct des Animaux, avec les distributions méthodiques et naturelles de toutes leurs classes, *&c.* 2 Tom. 8⁰. *Paris*, 1822.

Virey (J. J.) Philosophie de l'Histoire Naturelle, ou phénomènes de l'organisation des Animaux et des Végétaux. *pp. xvi, 512.* 8⁰. *Paris*, 1835.

VIRGANDER (David Magnus) Frutetum Svecicum, quod . . . subjicit D. M. Virgander, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1758.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. V, no. 88. 8⁰. 1760.

—— —— —— Editio Secunda, *&c.* 8⁰. 1788.

—— [Another edition.] *See* Linnæus (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. I. 8⁰. 1786.

VIRGILIO (Francesco) Argomenti in appoggio della nuova ipotesi sulla origine della Collina di Torino. Nota geologica, *&c.* *pp. 20 : 1 pl., text illust.* 8⁰. *Torino*, 1895.

Atti R. Accad. Sci. Torino. Vol. XXX.

Virgilio (F.) La Collina di Torino in rapporto alle Alpi, all' Appennino ed alla Pianura del Po. Memoria geologica, *&c.* *pp. vii, 159 : 1 map, text illust.* 8⁰. *Torino*, 1895.

Virgilio (F.) Sulla origine della Collina di Torino risposta al Dott. F. Sacco. Nota, *&c.* *pp. 37 : text illust.* 8⁰. *Roma*, 1896.
Boll. Soc. Geol. Italiana. Vol. xv.

Virgilio (F.) [Mineralogia, Fisica Terrestre, Geologia storica e antichità dell' Uomo, *&c.* 8⁰. *Torino*,].
Wanting.

—— 2a Edizione, *&c.* *pp. 310 : text illust.* 8⁰. *Torino*, 1909 [*i.e.* 1908].

VIRGILIUS (Marcellus) *See* Vergilius.

VIRGILIUS MARO (Publius) [B.C. 70–19.] Flora Virgiliana, *&c.* *See* Retzius (A. J.) 8⁰. 1809.

Virgilius Maro (P.) Flore de Virgile, *&c.* *See* Fée (A. L. A.) 8⁰. [1822].

Virgilius Maro (P.) Flore et Faune de Virgile, *&c.* *See* Paulet (J. J.) 8⁰. 1824.

Virgilius Maro (P.) Osservazioni sulla Flora Virgiliana. *See* Tenore (M.) 8⁰. 1826.

Virgilius Maro (P.) Flore poétique ancienne . . . Ouvrage où l'on trouvera, en particulier, l'explication botanique . . . du vers de Virgile: Alba Ligustra cadunt, Vaccinia nigra leguntur, *&c.* *See* Du Molin (J. B.) 8⁰. 1856.

Virgilius Maro (P.) Les Plantes de Virgile. *See* Clos (D.) 8⁰. 1871.

Virgilius Maro (P.) Flora Virgiliana, *&c.* *See* Bubani (P.) 8⁰. 1876.

VIRGIN (Christian Adolf) [1797–1870] Kongliga svenska Fregatten Eugenies Resa omkring jorden under befäl af C. A. Virgin åren 1851–53, *&c.* 2 Vol. *illust.* *See* Sweden. 4⁰. 1857–1910.

VIRGINIA, *State of.* The voyages and navigations of the English nation to Virginia, and the several discoveries thereof, *&c.* *See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. xii. 4⁰. 1812.

Virginia, *State of.* Virginia : its climate, soil, productions, manufacturing industries, and mineral wealth. *pp. 31.* 8⁰. [*Baltimore, Md.*, post 1887].
Reprinted from "The New South."

VIRGINIA, *State of.*—Board of Immigration. Virginia : a geographical . . . summary, embracing a description of the State, its geology, soils, minerals . . . animal and vegetable productions, *&c.* *pp. iv, 319 : 5 maps (3 col.), text illust.* 8⁰. *Richmond, Va.*, 1876.

VIRGINIA, *State of.*—Department of Agriculture. Third annual report of the Commissioner of Agriculture. *pp. 149.* 8⁰. *Richmond* [*Va.*], 1879.

Virginia, *State of.*—Department of Agriculture. [A Hand-book of Virginia. By the Commissioner of Agriculture (J. Pollard). 8⁰. *Richmond, Va.*, 1879].
Wanting.

—— Fifth edition. [By R. Harrison.] *pp. 200 : 1 pl. col., 1 map col.* 8⁰. *Richmond, Va.*, 1886.

Virginia, *State of.*—Department of Agriculture. Virginia : a handbook giving its history, climate, and mineral wealth . . . Prepared by T. Whitehead. *pp. vi, 357 : 10 pls., 1 map col.* 8⁰. *Richmond* [*Va.*], 1893.

VIRGINIA, *State of.*—Geological Survey. A reprint of the Annual Reports, *&c.* *pp. xv, 832 : 16 pls. (8 col.), 1 map col., text illust.* *See* Rogers (W. B.) 8⁰. 1884.

VIRLET (Théodore) *See* Virlet d'Aoust (Pierre T.)

VIRLET D'AOUST (Pierre Théodore) [1800–1894?) & **Le Puillon De Boblaye** (E.) [Geology and Mineralogy of the Morea.] *See* France. [*Voyages, &c.—Morée.*] Expédition scientifique de Morée, *&c.* Tom. ii, pt. 2. 4⁰. & fol. 1833–35.

VIS (Charles W. de) *See* De Vis.

VISCHNIAKOFF (N.) *See* Vīshnyakov (N. P.)

VĪSHNYAKOV (Nīkolaĭ Petrovīch) [1844–] Description des Planulati (*Perisphinctes*) jurassiques de Moscou. Pt. 1. *8 pls.* 4⁰. *Moscou*, 1882.

Vīshnyakov (N. P.) Allgemeine Beschreibung der Mineralien-Sammlung von R. Hermann. Im Zusammenhange mit seinen Arbeiten und seinen mündlichen Angaben. *pp. [ii,] 52 [iv,] 254 : 1 port., text illust.* 8⁰. *Moskau*, 1900.

VISIANI (Roberto de) [1801–1878] Stirpium Dalmaticarum specimen. *pp. xxiii, 57 : 8 pls.* 4⁰. *Patavii*, 1826.

Visiani (R. de) Plantæ quædam Ægypti ac Nubiæ enumeratæ atque illustratæ. *pp. 43 : 8 pls.* 8⁰. *Patavii*, 1836.
Commentarii di Medicina dell Dott. G. F. Spongia. Vol. i.

Visiani (R. de) Della utilità ed amenità delle Piante. Discorso inaugurale, *&c.* *pp. 46 [1].* 8⁰. *Padova*, 1837.

Visiani (R. de) Della origine ed anzianità dell' Orto botanico di Padova. *pp. 43.* 8⁰. *Venezia*, 1839.

Visiani (R. de) Illustrazione delle Piante nuove o rare dell' Orto Botanico di Padova. 3 Pt. *illust. col.* 4⁰. *Padova*, 1840–56.
Nuovi Saggi R. Accad. Padova. Vol. v, 1840, *pp. 251–272*; vi, 1847, *pp. 73–93.*
Mem. R. Istit. Veneto. Tom. vi, 1856, *pp. 236–60 : 6 pls. col.*

Visiani (R. de) Illustrazione di alcune Piante della Grecia e dell' Asia minore. *pp. 22 : 6 pls.* 4⁰. *Venezia*, 1842.
Mem. R. Istit. Veneto. Tom. i, 1843.

Visiani (R. de) L'Orto Botanico di Padova nell' anno 1842 (descritto ed illustrato). *pp. 151 : 1 pl.* 8⁰. *Padova* [1842].

Visiani (R. de) Flora Dalmatica, sive enumeratio Stirpium Vascularium quas hactenus in Dalmatia lectas et sibi observatas, descripsit . . . rariorumque iconibus illustravit R. de Visiani. 3 Vol. [in 2] *illust.* 4⁰. *Lipsiæ*, 1842–52.

—— Supplementum, *&c.* *pp. 189 : 10 pls. col.* 4⁰. *Venetiis*, 1872.
Mem. R. Istit. Veneto. Tom. xvi.

—— Supplementum alterum, adjectis Plantis in Bosnia, Hercegovina, et Montenegro crescentibus. Pars i, *pp. 103, iii : 1 pl. col.* 4⁰. *Venetiis*, 1877.
Mem. R. Istit. Veneto. Tom. xx.

—— Pars ii. (Posthuma.) *pp. 72 : 7 pls.* 4⁰. [*Venice*, 1882.]
Mem. R. Istit. Veneto. Tom. xxi.

Visiani (R. de) Illustrazione botanica del Cusso vermifugo o *Hagenia abyssinica*, Lam. *pp. 11.* *See* Venice. —Reale Istituto Veneto di Scienze, *&c.* Atti, *&c.* Ser. II, tom. iii, append. 4. 8⁰. 1852.

Visiani (R. DE) Piante fossili della Dalmazia. 4⁰. [*Venice*, 1858.]
Mem. R. Istit. Veneto. Vol. VII, *pp. 423-455 : 6 pls. col.*

Visiani (R. DE) Palmæ Pinnatæ Tertiariæ agri Veneti. 4⁰. [*Venice*,] 1863.
Mem. R. Istit. Veneto. Vol. XI, *pp. 435-460 : 12 pls. (1 col.)*

Visiani (R. DE) Sopra una nuova specie di Palma fossile [*Latanites Maximiliani*]. *pp. 8 : 1 pl. See* NAPLES. —REALE ACCADEMIA DELLE SCIENZE FISICHE E MATEMATICHE. Atti, *&c.* Vol. III, no. 24. 4⁰. 1866-68 [*i.e.* 1867].

Visiani (R. DE) & **Massalongo** (A. B.) Flora de' terreni Terziarii di Novale nel Vicentino. *pp. 47 : 13 pls. col.* 4⁰. *Torino*, 1856.
Mem. R. Accad. Sci. Torino. Ser. II, tom. XVII, 1858.

Visiani (R. DE) & **Panchić** (I.) Plantæ Serbicæ rariores aut novæ . . . descriptæ et iconibus illustratæ. 3 Dec. 4⁰. *Venetiis*, 1862-70.
Mem. R. Istit. Veneto. Vol. X, XII & XV.

VITÁLIS (ISTVÁN) Die Basalte der Balatongegend. *pp. 190 [1] : 2 pls., 1 map, text illust. See* BUDAPEST. —MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. I. Geologischer, petrographischer, mineralogischer und mineralchemischer Anhang. 4⁰. 1911.

Vitális (I.) Die Ziegenklauen der Balatongegend und ihre Fundorte. *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. I, Anhang. Palaeontologie der Umgebung des Balatonsees. Bd. IV, no. 4. 4⁰. 1911.

VITMAN (FULGENZIO) [1728-1806] Summa Plantarum quæ hactenus innotuerunt methodo Linnæana per genera et species digesta illustrata descripta. 6 Tom. 8⁰. *Mediolani*, 1789-92.

VITRY-LE-FRANÇOIS.—SOCIÉTÉ DES SCIENCES ET ARTS. [Founded 1861.]
[Bulletin.] Vol. I-XIII. 1861-84. 8⁰. *Vitry-le-François*, 1867-87.

VITTADINI (CARLO) [1800-1865] Tentamen Mycologicum, seu Amanitarum illustratio, *&c. pp. 34 : 1 pl.* 4⁰. *Mediolani*, 1826.

Vittadini (C.) Monographia Tuberacearum. *pp.* [*viii*,] *88 : 5 pls. (col.)* 4⁰. *Mediolani*, 1831.

Vittadini (C.) Descrizione dei Funghi Mangerecci più comuni dell' Italia e de' velenosi che possono co' medesimi confondersi. *pp. xlvii, 364 : 44 pls. col.* 4⁰. *Milano*, 1835.

Vittadini (C.) Monographia Lycoperdineorum. *pp. 93 : 3 pls. col.* 4⁰. *Augustæ Taurinorum*, 1842.
Mem. R. Accad. Sci. Torino. Ser. II, tom. V.

VIVAREZ (HENRI) [1847-] Le commencement et la fin des Mondes selon la Science.—Étude de Géologie terrestre & sidérale. *pp. vii, 136 : 13 pls.* 8⁰. *Paris*, 1878.

VIVENZA (ANDREA) Monografie . . . Barbabietola da Zucchero coltivata sola o consociata al Mais. *pp.* [*iv*,] *152.* 8⁰. *Piacenza*, 1884.

VIVIAN (*Sir* ARTHUR PENDARVES) *K.C.B.* [1834-] Wanderings in the Western Land . . . With illustrations from original sketches by . . . A. Bierstadt and the author. *pp. xvi, 426 : 8 pls., 3 maps (1 geol. col.), text illust.* 8⁰. *London*, 1879.

VIVIAN (EDWARD) Cavern researches . . . Edited . . . by E. Vivian. *See* MACENERY (J.) 8⁰. 1859.

VIVIAN (S.) [For Contribution to the Geology of the Country around Bridgend] *See* GREAT BRITAIN & IRELAND. — *Geological Survey. — England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. VI. 8⁰. 1904.

VIVIANI (DOMENICO) [1772-1840] *See* ANNALI DI BOTANICA compilati dal D. Viviani. Vol. I.† 8⁰. 1802-04.

Viviani (D.) Principj elementari di Botanica . . . tradotto dallo Spagnuola [with notes] dal Dott. D. Viviani. *See* CAVANILLES (A. J.) 4⁰. 1803.

Viviani (D.) Phosphorescentia maris. Quatuordecim lucescentium animalculorum novis speciebus illustrata . . . Accedit novi cujusdam generis, e molluscorum familia descriptio et anatomes. *pp. 17 : 5 pls.* fol. *Genuæ*, 1805.

Viviani (D.) Floræ Italicæ fragmenta, seu Plantæ rariores, vel nondum cognitæ, in variis Italiæ regionibus detectæ, *&c.* Fasc. I.† *pp. vii, 28 : 26 pls.* 4⁰. *Genuæ* (1808).

Viviani (D.) Floræ Corsicæ specierum novarum, vel minus cognitarum diagnosis, quam in Floræ Italicæ fragmenti alterius prodromum exhibet D. Viviani. *pp. 16.* 4⁰. *Genuæ*, 1824.

—— Appendix. *pp. 8 : 1 pl.* 8⁰. *Genuæ*, 1825.

—— Appendix altera. *pp. 8 : 2 pls.* 8⁰. *Genuæ*, 1830.

Viviani (D.) Floræ Libycæ Specimen, sive Plantarum enumeratio Cyrenicam, Pentapolim, Magnæ Syrteos desertum et regionem Tripolitanam incolentium, *&c. pp. xii, 68 : 27 pls.* 4⁰. *Genuæ*, 1824.

Viviani (D.) Plantarum Ægyptiarum decades IV., quas vel primus descripsit vel observationibus illustravit D. Viviani, *&c. pp. 30 : 2 pls.* 8⁰. *Genuæ*, 1830.

Viviani (D.) Della struttura degli organi Elementari nelle Piante e delle loro funzioni nelle vita vegetabile, *&c. pp. 362 : 8 pls.* 8⁰. *Genova*, 1831.

Viviani (D.) I Funghi d'Italia e principalmente le loro specie mangereccie, velenose, o sospette descritte ed illustrate, *&c. pp. xv, 64 : 60 pls. col.* fol. *Genova*, 1834.

Viviani (D.) Memoria sopra alcuni Plagi in Botanica con alcune riflessioni che ne conseguitano esposte in un' appendice. *pp. 40.* 8⁰. *Milano*, 1838.

VIVIEN DE SAINT-MARTIN (LOUIS) [1802-1897] Cours complet d'Agriculture, ou Nouveau Dictionnaire d'Agriculture théorique et pratique d'Économie rurale et de Médecine vétérinaire ; rédigé sur le plan de l'ancien Dictionnaire de l'abbé Rozier, Par le Baron [Bigot] de Morogues . . . M. Mirbel . . . M. le Vicomte Héricart de Thury . . . M. Desvaux . . . M. Antoine . . . M. Tollard, M. Payen . . . M. Barthélemy . . . M. Grognier, . . . sous la direction de L. Vivien ; précédé d'un Tableau historique de l'Agriculture des divers pays du globe et de la France en particulier et d'une Bibliographie Agricole. 17 Tom. [in 18] *illust.* 8⁰. *Paris*, 1834-40.

VIVIER (J. DU) *See* DUVIVIER.

VLAMINGH (WILLEM) Some particulars relating to the voyage . . . to New Holland in 1696. *See* HAKLUYT SOCIETY. Works, *&c.* No. 25. 8⁰. 1859.

VLANGHALÎ (A.) Wlangali's Reise nach der östlichen Kirgisen-Steppe. *pp. xii, 260 : 1 map. See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Beiträge zur Kenntniss des Russischen Reiches, *&c.* Bd. XX. 8⁰. 1856.

VLÈS (FRED.) Sur l'existence de la Mye dans la Méditerranée. *pp. 2. See* MONACO. — INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 94. 8⁰. 1907.

VLISSINGSCHE GENOOTSCHAP. *See* MIDDLEBURG.

VNUKOV (NĪKOLAĬ NĪKOLAEVĪCH) Materialui k ucheniyu o Batzillakh Prokazui, *&c.* — Beiträge zur Kenntniss der Leprabacillen. Bacteriologisch-experimentelle Untersuchung. *pp. 152 : 1 pl. col. See* KAZAN. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXVI, vuip. 2. 8⁰. 1893.

VOCABULARY. (Sangoku-Taiyaku) Kōbutsu-ji-i. A Vocabulary of Mineralogical Terms in the three languages English, German and Japanese. *pp.* [*x,*] *69, 35* [*v,*] *1 tab.* 8⁰. [*Tokio,* 1890.]

VOCHENBERG (JOHANN TOLLAT VON) *See* TOLLAT VON VOCHENBERG.

VOCKE (AD.) & **Angelrodt** (C.) Flora von Nordhausen und der weiteren Umgegend. Systematisches Verzeichnis der wildwachsenden und häufig kultivierten Gefässpflanzen. *pp. viii, 332.* 8⁰. *Berlin,* 1886.

VODRÁŽKA (OTAKAR) O významu tíže při pohybech nyktitropických. [On the significance of gravitation in nyctitropic movements.] *pp. 21* [*2*]*: text illust. See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVI, čís. 1. 8⁰. 1907.

VOECHTING (HERMANN) [1847–] Zur Histologie und Entwickelungsgeschichte von *Myriophyllum. pp. 18 : 4 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXVI, no. 2. 4⁰. 1872 (1873).

Voechting (H.) Der Bau und die Entwicklung des Stammes der Melastomeen. *pp. 92 : 8 pls. See* BOTANISCHE ABHANDLUNGEN, *&c.* Bd. III, hft. 1. 8⁰. 1875.

Voechting (H.) Ueber Organbildung im Pflanzenreich. Physiologische Untersuchungen über Wachsthumsursachen und Lebenseinheiten, *&c.* 2 Thl. *illust.* 8⁰. *Bonn,* 1878–84.

Voechting (H.) Die Bewegungen der Blüthen und Früchte. *pp.* [*iv,*] *199 : 2 pls., text illust.* 8⁰. *Bonn,* 1882.

Voechting (H.) Ueber die Bildung der Knollen, *&c. pp. 55 : 5 pls. See* BIBLIOTHECA BOTANICA. Hft. 4. 4⁰. 1887.

Voechting (H.) Ueber Transplantation am Pflanzenkörper. Untersuchungen zur Physiologie und Pathologie. *pp. viii, 162 : 11 pls., text illust.* 4⁰. *Tübingen,* 1892.

Voechting (H.) Untersuchungen zur experimentellen Anatomie und Pathologie des Pflanzenkörpers. *pp. vii, 318 : 20 pls., text illust.* 8⁰. *Tübingen,* 1908.

VOEGEL *See* BIRDS.

VOELKER (OTOMAR) Příspěvky k vývoji pankreatu u Amniot. [Contributions on the development of the pancreas in the Amniota.] *See* PRAGUE. — ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. X, čís. 11. 8⁰. 1901.

VOELTZKOW (ALFRED) [1860–] Wissenschaftliche Ergebnisse der Reisen in Madagaskar und Ostafrika in den Jahren 1889–95. Bd. I→ *illust.* (*col.*) *See* FRANKFORT ON THE MAIN. — SENCKENBERGISCHE NATURFORSCHENDE GESELLSCHAFT: Abhandlungen, *&c.* Bd. XXI→ 8⁰. 1897→

Voeltzkow (A.) Reise in Ostafrika in den Jahren 1903–05 . . . ausgeführt von . . . A. Voeltzkow. Wissenschaftliche Ergebnisse. 5 Bd. *illust.* 4⁰. *Stuttgart,* 1906→

Bd. I, abt. II. Geologie und Ethnographie.
hft. 1. Gesteinsproben der Witu-Inseln, vom Zanzibar-Archipel, von den Comoren, Madagaskar, Ceylon, *&c.* Von M. Bauer. 1911.
,, II. Systematische Arbeiten. *pp. vi, 644 : 27 pls.* (*col.*), *text illust.*
hft. 1. Schildkröten von Ostafrika und Madagaskar. Von F. Siebenrock. 1906.
,, 2. Oligochaeten von Madagaskar, den Comoren und anderen Inseln des westlichen Indischen Ozeans. Von W. Michaelsen.
Embiiden von Madagaskar und Ostafrika. Von K. Friederichs.
Cicindeliden von Madagaskar und Ostafrika. Von W. Horn.
Dermapteren von Madagaskar, den Comoren und Britisch-Ostafrika. Von M. Burr.
Apidæ von Madagaskar, den Comoren und Ostafrika. Von H. F. Friese.
Vespiden von Madagaskar, den Comoren und Ostafrika. Von Von Schulthess Richberg.
Ameisen von Madagaskar, den Comoren und Ostafrika. Von A. Forel.
Lepidoptera Heterocera . . . von Madagaskar, den Comoren und Ostafrika. Von A. Pagenstecher.
Collembolen aus Ostafrika, Madagaskar und Südamerika. Von C. Börner. 1907.
,, 3. Vögel von den Inseln Ostafrikas. Von A. Reichenow.
Gnathia aldabrensis, n. sp., ein neuer Isopode aus dem Indischen Ozean. Von W. Schoenichen.
Die Diptera Pupipara der Madagassisch-Maskarenischen Region. Von P. Speiser.
Alcyonacea von Madagaskar und Ostafrika. Von M. Cohn.
Beiträge zur Kenntnis der Copeognathen. Von G. Enderlein.
Chrysididen von Madagaskar, den Comoren und Ostafrika. Von A. Mocsáry. 1908.
,, 4. Isopoda von Madagaskar und Ostafrika. Von G. Budde-Lund.
Lepidoptera, Rhopalocera und Heterocera (Pars I) von Madagaskar, den Comoren und den Inseln Ostafrikas. Von C. Aurivillius.
Coccidæ and Aleurodidæ of Madagascar and Comoro Is. By R. Newstead.
Tricopteren (—Ephemeriden) von Madagaskar und den Comoren. Von G. Ulmer.
Sphegiden und Pompiliden von Madagaskar, den Comoren und Ostafrika. Von F. F. Kohl.
Landplanarien von Madagaskar und den Comoren. Von J. Geba.
Die Aktinien der Ostafrikanischen Inseln. Von F. Pax.
,, 5. Chrysomelidæ (—Coccinellidæ) von Madagaskar, den Comoren und den Inseln Ostafrikas. Von J. Weise.
Zwei neue Physapoden aus Madagaskar. Von F. Trybom.
Cirripedien von Ostafrika. Von W. Weltner.
Serphiden und Cynipiden von Madagaskar. Von J. J. Kieffer.
Lepismatiden von Madagaskar, den Comoren und Ostafrika. Von K. Escherich.
Crustaceen von Madagaskar, Ostafrika und Ceylon. Von H. Lenz.
Lissopode Nachtschnecken von Madagaskar, den Comoren und Mauritius. Von H. Simroth.
Acridoidea from Madagascar, Comoro Islands and Eastern Africa. By L. Bruner. 1910.
Bd. III.
hft. 1. Lichenes von Madagaskar, Mauritius und den Comoren. Von G. Lindau.
Fungi von Madagaskar, den Comoren und Ostafrika. Von P. Hennings.
Ueber *Trichoglœa,* Kütz. Von R. Pilger.
Corallinaceæ aus dem westlichen Indischen Ozean. Von R. Pilger.
Musci Voeltzkowiani. Ein Beitrag zur Kenntnis der Moosflora der Ostafrikanischen Inseln. Von V. F. Brotherus. 1908.
,, 2. Culicidæ von Madagaskar, den Comoren und Ostafrika. Von K. Grünberg.
Myriopoden von Madagaskar, den Comoren und den Inseln Ostafrikas. Von Graf C. Attems.
Termiten von Madagaskar, den Comoren und Inseln Ostafrikas. Von P. E. Wasmann. 1910.
,, 3. Ueber die von . . . Voeltzkow auf Madagaskar und in Ostafrika erbeuteten Vaginuliden, nebst verwandtem Material von ganz Afrika. Von H. Simroth.
Bemerkungen über Froschlaiche, die von A. Voeltzkow auf Madagaskar . . . gefunden wurden. Von G. Tornier.
Krokodile von Madagaskar. Von F. Siebenrock.
Die Tetractinelliden. Von E. Bösrang.
Madagassische Ipiden Von M. Hagedorn.
Uroplatus fimbriatus (Schneider) in Gefangenschaft. Von M. Braun. 1913.

[**Voeltzkow** (A.) Reise in Ostafrika, *&c.* (contd.)]
[Bd. III. (contd.)]
hft. 4. Reptilien und Amphibien von Madagascar, den Inseln und dem Festland Ostafrikas . . . Von . . . O. Boettger.
Die bisher aus dem Ostafrikanischen Inselgebiet und Mozambique bekannten Neuropteren, nebst Beschreibung einiger Myrmeleoniden- und Ascalaphiden-Larven. Von . . . F. Klapálek.
Bostrychides recueillis à Madagascar et dans l'Afrique orientale par . . . A. Voeltzkow et J. Hildebrandt. Par P. Lesne.
Lycides de Madagascar et îles avoisinantes. Par J. Bourgeois.
Mantidi e Fasmidi di Madagascar, delle Comore e di altre Isole dell' Africa orientale. Del . . . E. Giglio-Tos.
Clavicornidæ de Madagascar et Afrique orientale. Par A. Grouvelle.
Braconidæ von Madagascar und anderen Inseln Ostafrikas. Von G. Szépligeti. 1913.
Bd. IV. Anatomie und Entwickelungsgeschichte.
hft. 1. Beiträge zur Anatomie und Entwickelungsgeschichte des Blutgefässsystemes der Krokodile. Von F. Hochstetter.
Ueber die Entwickelung der Scheidewandbildungen in der Leibeshöhle der Krokodile. Von F. Hochstetter. 1906.
,, 2. Ueber die Richtung der Haare bei den Halbaffen. Von G. Schwalbe.
Zur Kenntnis des Hyraciden-Gehirns. Von J. Dräseke. 1910.
,, 3. Ueber das Skelett *Voeltzkowia mira*, Bttgr. Ein Beitrag zur Osteologie der Eidechsen. Von K. Rabanus.
,, ,, Beobachtungen an der Haut von *Geckolepis* und einigen anderen Geckoniden. Von . . . W. J. Schmidt.
,, ,, Die kurzen Muskeln der Halbaffenhand. Vergleichend-anatomische Untersuchungen. Von Y. Kajava. 1911.
,, 4. Parasitische und kommensalistische Mollusken aus Holothurien. Von M. M. Schepman und H. F. Nierstrasz.
Beschreibung der äusseren Körperform von Embryonen der Species *Centetes ecaudatus*, nebst einem Beitrage zur Kenntnis der Igelstachelentwicklung. Von . . . H. Münter.
Zur Morphogenie des Centralnervensystems der Chelonier und Crocodilier. Von L. Neumayer.
Beschreibung der äusseren Körperform und des Integuments verschiedener Entwicklungsstadien von *Phœton phœnicurus*. Von . . . H. Münter. 1914.

VOET (JOHANN EUSEBIUS) [–1778] J. E. Voet . . Catalogus systematicus Coleopterorum. — Catalogue systématique des Coléoptères.—Systematische naamlyst van dat geslacht van Insecten dat men Torren noemt. 2 Vol. [in 1] *illust. col.* 4⁰. *La Haye*, [1769–] 1806.
In Latin, French and Dutch : each separately paged.
This work was projected in 1766 (Beckmann's "Phys.-ökon. Bibliotek," Bd. VII, 1776, p. 105), and subscriptions invited in 1769 (Preface to Tom. I). By 1776 the first part consisted of Tom. I, *pp. 1–40 : pls. i–xxiv* and Tom. II, *pp. 1–8 : pls. i–viii* (Beckmann, *op. cit.* pp. 105–107). By 1778 Tom. I had been carried to p. 72 with 40 pls. (Fuessly's "Mag. Liebhab. Entom." Bd. I, pp. 4–70). The death of the author in that year stopped the work for the time, and no more had appeared by 1781 (*cf.* "Comment. Rebus Sci. Nat. & Med. Lipsiæ," Vol. XXIV, p. 274). In 1796 the work stood :—Tom. I, *pp. 1–88* for each section of the text and 48 plates ; Tom. II, *pp. 1–24* with 24 plates ("Cat. Bibl. Banks," Tom. II, p. 229).
In 1804 Bakhuysen, having acquired the stock from Voet's executors, announced his intention of completing the work. His additions, as shown by change of font in the text, consisted of :—Tom. I, Lat. *pp. 97–104* (mispaged "*67–74*") and Fr. *pp. 97–114*, Dutch *pp. 97–111*, with *pls. xlix–liv* ; Tom. II, Lat. *pp. 33–82*, Fr. *pp. 41–86*, Dutch *pp. 41–87 : pls. xxv–l.*

Voet (J. E.) J. E. Voets Beschreibungen und Abbildungen hartschaaligter Insekten, Coleoptera, Linn. Aus dem Original getreu übersetzt, mit der in selbigem fehlenden Synonymie und beständigen Commentar versehen von D. G. W. F. Panzer. 5 Thl. [in 2] *illust. col.* 4⁰. *Erlangen*, [1782–] 1793–1802.
Thl. 1 and 2 contain the translation of Voet's text Tom. I, Latin, *pp. 1–88* with explanations by Panzer of the rest of the figures on *pl. xlviii.*
Thl. 3 and 4 contain the translation of Voet's text Tom. II Latin, *pp. 1–24* (=Panzer Thl. 3, pp. 1–64) with descriptions by Panzer of the rest of the figures on *pl. xxii*, and of those on *pls. xxiii–xlviii.*
Pls. xlix–liv of Voet's Tom. I and *pls. xlix–l* of Tom. II seem to have been unknown to Panzer and were probably published after his work had appeared.
Thl. 5 by Panzer has a second title which reads :—"Beyträge zur Geschichte der Insekten. Herausgegeben von D. G. W. F. Panzer," *&c.* —as well as Latin versions of both titles.
The first four parts of Thl. I appeared as follows :—*pp. 1–16 : pls. i–iii* in 1782 ; *pp. 17–32 : pls. iv–vi* in 1783 ; *pp. 33–64 : pls. vii–xii* in 1784 ; and *pp. 65–103 : pls. xiii–xx and engr. title* in 1785 (*cf.* Beckmann's "Phys.-ökon. Bibliotek," Bd. XII, pp. 335 & 583 ; XIII, p. 405 ; XIV, p. 151).

VOGDES (ANTHONY WAYNE) [1843–] A Monograph on the genera *Zethus*, *Cybele*, *Encrinurus*, and *Cryptonymus*. *pp. 35 : 4 pls.* 8⁰. *Charleston, S.C.*, 1878.

Vogdes (A. W.) A new Trilobite. *Bathyurus Stonemanii. See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 12. 8⁰. 1884.

Vogdes (A. W.) A Bibliography of Paleozoic Crustacea from 1698 to 1889 including a list of North American species and a systematic arrangement of genera. *pp. 177. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 63. 8⁰. 1890.

—— [Another edition entitled :] A classed and annotated Bibliography of the Palæozoic Crustacea 1698–1892, to which is added a catalogue of North American species. *pp. 412 [1]. See* CALIFORNIA ACADEMY OF SCIENCES. Occasional Papers, *&c.* Vol. IV. 8⁰. 1893.

Vogdes (A. W.) A Bibliography relating to the Geology, Palæontology, and Mineral Resources of California. *pp. viii, 121. See* CALIFORNIA, *State of.—State Mining Bureau.* Bulletin. No. 10. 8⁰. 1896.

VOGDT (CONSTANTIN DE) [1860–] Le Jurassique à Soudak. *pp. 8 : 1 pl. See* CONGRÈS GÉOLOGIQUE INTERNATIONAL.—*Seventh Congress.* Guide des Excursions du VII. Congrès, *&c.* 8⁰. 1897.

VOGEL (AUGUST) [1817–1889] Bilder aus dem Mineralreiche. *pp. 28.* 8⁰. *München*, 1884.

VOGEL (BENEDICT CHRISTIAN) [1745–1825] De generatione Plantarum, *&c.* [*pp. 20.*] 4⁰. *Altorphii Noricorum* [1768].

Vogel (B. C.) Plantæ selectæ . . . nominibus et notis illustravit D. B. C. Vogel, *&c.* Dec. VIII–X. *See* TREW (C. J.) fol. 1771–73.

Vogel (B. C.) Plantæ rariores . . . Curam et illustrationem suscepit D. B. C. Vogel, *&c.* Decas II & III. *See* TREW (C. J.) fol. 1779–84.

Vogel (B. C.) Index Plantarum Horti Medici Altorfini. [Compiled by B. C. Vogel.] *See* ALTDORF. 8⁰. [1790 ?]

Vogel (B. C.) Ueber die Amerikanische Agave und besonders diejenige welche im Sommer 1798 im Botanischen Garten zu Altdorf geblühet und auch Früchte angesetzt hat. *pp. 77 : 1 pl. col.* 8⁰. *Altdorf & Nürnberg*, 1800.

VOGEL (C.) Ueber die Absonderungsformen vulcanischer Gesteine im Siebengebirge und dessen Umgebungen, *&c. pp. 14 : 1 pl.* 4⁰. *Berlin*, 1860.
Jahresb. Dorotheenstädtische Realschule.

VOGEL (CHRISTIAN FRIEDRICH) Chronologischer Raupenkalender, oder Naturgeschichte aller Europäischen Raupen . . . Dritte Auflage. *pp. xxi [i,] 148 : 41 pls. col.* 8⁰. *Berlin*, 1845.
The first edition appeared in 1835, and a fourth in 1852.

VOGEL (CHRISTOPH) Die Quarzporphyre der Umgegend von Gross-Umstadt. *See* HESSE-DARMSTADT.—*Grossherzoglich-Hessische Geologische Landesanstalt.* Abhandlungen, *&c.* Bd. II, hft. 1. 8⁰. 1891.

VOGEL (FRIEDRICH) [1860–] Das Ober-Senon von Irnich am Nordrand der Eifel. Inaugural-Dissertation, *&c. pp. 106 : 1 pl.* 8⁰. *Bonn*, 1892.

Vogel (F.) Aanteekeningen over Nederlandsche Versteeningen uit het Leidsch Geologisch Museum. *pp. 12. See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. IV, no. 7. 8⁰. 1895.

Vogel (F.) Beiträge zur Kenntniss der Holländischen Kreide, *&c. See* LEYDEN. — GEOLOGISCHES REICHS-MUSEUM. Sammlungen . . . Neue Folge, *&c.* Bd. II, hft. 1. 4⁰. 1895.

—— [Another issue.] 4⁰. *Leiden & Berlin*, 1895.
Without any indication of its origin.

VOGEL (G.) Hohenschichten-Karte Ost- und Westpreussens, *&c.* Maasstab 1 : 300,000 [*i.e.* 1 in. = 4¾ m. about]. 3 sh. *col.* *See* PRUSSIA. [*Maps.*] 1891.

VOGEL (GUSTAV) Flora von Ost- und Westpreussen . . . unter Mitwirkung von . . . G. Vogel. Thl. I→ *See* KONIGSBERG.—PREUSSISCHER BOTANISCHER VEREIN. 8⁰. 1898→

VOGEL (HEINRICH) Flora von Thüringen. Verzeichniss der in Thüringen wildwachsenden und allgemeiner cultivirten Phanerogamischen Gewächse. Im Anschluss an die "Schulflora von Deutschland" von . . . O. Wünsche und dessen "Excursionsflora von Sachsen." *pp. 220.* 8⁰. *Leipzig*, 1875.

VOGEL (*Sir* JULIUS) *K.C.M.G.* [1835–1899] The Official Record. [Edited with a preface by Sir J. Vogel.] *See* WELLINGTON.—*New Zealand Industrial Exhibition, 1885.* 8⁰. 1886.

VOGEL (JULIUS RUDOLPH THEODOR) [1812–1841] Synopsis generis Cassiæ. *pp. 79.* 8⁰. *Berolini*, 1837.

Vogel (J. R. T.) [Lists and descriptions of Plants collected during the Voyage.] *See* MEYEN (F. J. F.) Reise um die Erde . . . 1830–32, *&c.* [Thl. IV.] 4⁰. 1843.

Vogel (J. R. T.) Niger Flora ; or an enumeration of the Plants of Western Tropical Africa, collected by . . . T. Vogel [with a sketch of his life], *&c.* *See* HOOKER (*Sir* W. J.) 8⁰. 1849.

Vogel (J. R. T.) & **Marquart** (L. C.) Beiträge zur Geschichte der Herba Origani cretici. *See* MARQUART (L. C.) & VOGEL (J. R. T.) 12⁰. [1840.]

VOGEL (KARL LUDWIG) [1826–] Quædam disjunctionis saxorum vulcanicorum exempla. Dissertatio, *&c.* *pp. 10 : 3 pls.* 4⁰. *Bonnæ*, 1849.
Wanting Pl. III.

VOGEL (RUDOLF AUGUSTIN) [1724–1774] Practisches Mineralsystem. *pp.* [*vi*,] *518* [*10*]. 8⁰. *Leipzig*, 1762.

VOGELGESANG (W.) Geologische Beschreibung der Umgebungen von Triberg und Donaueschingen, *&c.* *See* BADEN, *Grand Duchy of.* 4⁰. 1872.

VOGELI (FÉLIX) Flore fourragère, ou traité complet des Alimens du Cheval, *&c.* *pp. xi, 324 . 1 tab.* 8⁰. *Paris*, 1836.

VOGELSANG (HERMANN PETER JOSEPH) [1838–1874] Die Vulkane der Eifel, in ihrer Bildungsweise erläutert. Ein Beitrag zur Entwickelungsgeschichte der Vulkane, *&c.* *pp. 76 : 1 pl. col.* *See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. XXI. 4⁰. 1864.

Vogelsang (H. P. J.) Philosophie der Geologie und mikroskopische Gesteinsstudien. *pp. 229 : 10 pls. col.* 8⁰. *Bonn*, 1867.

Vogelsang (H. P. J.) Sur le Labradorite coloré de la côte du Labrador. *pp. 32 : 4 pls. col.* 8⁰. *Haarlem*, 1868.
Archiv. Neerland. Tom. III.

Vogelsang (H. P. J.) Die Krystalliten . . . herausgegeben von F. Zirkel. *pp. 175 : 16 pls.* (*10 col.*) 8⁰. *Bonn*, 1875.

VOGES (ERNST) Das Pflanzenleben des Meeres. *pp. 83 : text illust.* 8⁰. *Leipzig*, 1886.

VOGL (AUGUST EMIL) [1833–1909] Die Chinarinden des Wiener Grosshandels und der Wiener Sammlungen, *&c.* *pp. viii, 134.* 8⁰. *Wien*, 1867.

Vogl (A. E.) A. Vogl . . . Les Aliments : guide pratique pour constater les falsifications des farines, fécules, cafés, chocolats, thés . . . etc. . . . Traduction par A. Focillon . . . et G. Dauphin, *&c.* *pp. 296 : text illust.* 8⁰. *Paris*, 1876.

Vogl (A. E.) Beiträge zur Kenntniss der sogenannten falschen Chinarinden. *See* VIENNA. — KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Festschrift, *&c.* 4⁰. 1876.

Vogl (A. E.) Anatomischer Atlas zur Pharmakognosie, *&c.* *60 pls., with descriptive letterpress.* 4⁰. *Wien & Leipzig*, 1887.

VOGL (JOSEPH FLORIAN) Gangverhältniss und Mineralreichthum Joachimsthals. *pp. vi, 199 : 1 map.* 8⁰. *Teplitz*, 1856.

VOGL (VIKTOR) A piszkei Bryozoás Márga faunája. *pp. 32 : text illust.* — Die Fauna des sogenannten Bryozoenmergels von Piszke. *pp. 34 : text illust.* *See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XVIII, füz. 3. 8⁰. 1910, 11.

Vogl (V.) A Vinodol eocén márgáinak faunája. *pp. 34 : 1 pl., text illust.*—Die Fauna der eozänen Mergel im Vinodol, in Kroatien. *pp. 36 : 1 pl., text illust.* *See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mitteilungen aus dem Jahrbuche, *&c.*) Köt. XX, füz. 2. 8⁰. 1912.

Vogl (V.) A Mrzla-Vodicai Horvátországi Paleodiász. *pp. 14 : text illust.*—Die Paläodyas von Mrzla-Vodica in Kroatien. *pp. 16 : text illust.* *See* AUSTRIA-HUNGARY. — MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mittheilungen aus dem Jahrbuche, *&c.*) Köt. XXI, füz. 5. 8⁰. 1913.

VOGLER (JOHANNES ANDREAS) Dissertatio inauguralis botanica sistens Polypodii speciem nuperis auctoribus ignotam, *Polypodium montanum* vocatam, *&c.* *pp. 16.* 4⁰. *Gissæ* [1781].

VOGLER (PAUL) Die Verbreitungsmittel der Alpenflora. *See* SCHROETER (C.) Das Pflanzenleben der Alpen, *&c.* Fünfter Abschnitt. 8⁰. [1907.]

VOGLINO (PIETRO) [1864–] I Funghi più dannosi alle Piante coltivate. Osservazioni e consigli, *&c.* 8⁰. *Torino*, 1891–95.

A series of separately-paged extracts from the "Coltivatore" of Casalmonferrato. The wrapper is dated 1895.

1. Il Carbone del Granturco (*Ustilago Maydis*, Corda). *pp. 8 : 1 pl. col.* 1891.
2. La Muffa delle Frutta : *Monilia fructigena*, Pers., *M. cinerea*, Bon. *pp. 8 : 1 pl. col.* 1891.
3. Il Carbone delle Spighe. (*Ustilago segetum*, Dittm.) *pp. 12 : 1 pl. col.* 1891.
4. La Bolla delle Foglie : *Exoascus deformans*, Fuckel. *pp. 8 : 1 pl. col.* 1891.
5. La Rogna dell' Olivo : *Bacillus oleæ* (Arcang. Trevisan). *pp. 12 : 1 pl. col.* 1892.
6. La Ruggine del Frumento (*Puccinia Graminis*, Pers.) *pp. 11 : 1 pl. col.* 1892.
7. La Peronospora delle Patate e dei Pomidoro (*Phytophthora infestans* (Mont.) De Bary). *pp. 14 : 1 pl. col.* 1892.
8. La Ruggine perforatrice delle Foglie (*Phyllosticta pranicola*, (Opiz) Sacc.) e l' antracnosi dei Fagiuoli, *Colletotrichum Lindemuthianum* (Sacc. et Magn.) Br. et Cav.). *pp. 12 : 1 pl. col.* 1892.
9. Antracnosi della Vite (*Glœosporium ampelinum* (De Bary) Sacc.). Con Appendice sulla Clorosi o Malattia dell' adattamento delle Viti americane. *pp. 20 : 1 pl. col., text illust.* 1894.
10. La Ticchiolatura o Brusone del Melo (*Fusicladium dendriticum* (Wahl.) Fuckel). La Ruggine delle Fragole (*Sphærella fragrariæ*). *pp. 17 : 1 pl. col.* 1894.
11. La Ruggine coronata (*Puccinia coronata*, Corda). La Ruggine striata dell' Orzo (*Puccinia Rubigo-vera* (DC.) Winter). *pp. 16 : 1 pl. col.* 1894.
12. La Lebbra del Susino (*Exoascus Pruni*, Fuckel). Seccume o Nebbia del Pisello e del Fagiolo (*Ascochyta Pisi*, Libert). *pp. 9 : 1 pl. col.* 1894.

Voglino (P.) & **Berlese** (A. N.) Sylloge Fungorum . . . Additamenta ad Volumina I–IV. *See* SACCARDO (P. A.) 8⁰. 1886.

VOGT (CARL CHRISTOPH) [1817–1895] Zur Anatomie der Amphibien . . . Inaugural Dissertation, *&c. pp. xi, 5 [1] : 1 pl.* 4⁰. *Bern*, 1839.

Vogt (C. C.) Embryologie des Salmones. *See* AGASSIZ (J. L. R.) Histoire naturelle des Poissons d'eau douce de l'Europe centrale, *&c.* 4⁰. & obl. fol. (1839–) 1842.

Vogt (C. C.) Beiträge zur Nevrologie der Reptilien, *&c. pp. 59 : 4 pls. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. IV. 4⁰. 1840.

Vogt (C. C.) Notice sur les Animalcules de la Neige Rouge. *See* DESOR (P. J. E.) Excursions et séjour de M. Agassiz sur la Mer de Glace, *&c.* (Notes additionnelles. I.) 8⁰. 1841.

Vogt (C. C.) Untersuchungen über die Entwicklungsgeschichte der Geburtshelferkroete (*Alytes obstetricans*). *pp. x, 134 [1] : 3 pls.* 8⁰. *Solothurn*, 1842.

Vogt (C. C.)
Beiträge zur Naturgeschichte der Schweizerischen Crustaceen, *&c. pp. 19 : 2 pls. col.*
Anatomie der *Lingula anatina*, *&c. pp. 18 : 2 pls.*
See ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften, *&c.* Tom. VII. 4⁰. 1845.

Vogt (C. C.) Lehrbuch der Geologie und Petrefactenkunde . . . Theilweise nach L. Elie de Beaumont's Vorlesungen an der Ecole des Mines. 2 Bd. [in 1] *illust.* 8⁰. *Braunschweig*, 1846, 47.

—— Zweite . . . Auflage. 2 Bd. *illust.* 8⁰. *Braunschweig*, 1854.

—— Dritte . . . Auflage. Bd. I. *illust.* 8⁰. *Braunschweig*, 1866.
Wanting Bd. II.

—— Vierte . . . Auflage. 2 Bd. *illust.* 8⁰. *Braunschweig*, 1879.

Vogt (C. C.) Untersuchungen über Thierstaaten. *pp. xvi, 248 : 3 pls.* 8⁰. *Frankfurt am Main*, 1851.

Vogt (C. C.) Zoologische Briefe. Naturgeschichte der lebenden und untergegangenen Thiere, *&c.* 2 Bd. *illust.* 8⁰. *Frankfurt a. M.*, 1851.

Vogt (C. C.) Bilder aus dem Thierleben. *pp. [vi,] 452 : text illust.* 8⁰. *Frankfurt am Main*, 1852.

Vogt (C. C.) Recherches sur les animaux inférieurs de la Méditerranée, *&c.* 2 Pt. *illust. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. I & II. 4⁰. 1854.

Vogt (C. C.) Die künstliche Fischzucht. *pp. viii, 159 : text illust.* 8⁰. *Leipzig*, 1859.

—— Nebst einem Anhange über Krebszucht . . . Zweite . . . Auflage. *pp. x, 195 : text illust.* 8⁰. *Leipzig*, 1875.

Vogt (C. C.) Grundriss der Geologie. *pp. xxvii, 523 : text illust.* 8⁰. *Braunschweig*, 1860.

Vogt (C. C.) Nord-Fahrt, entlang der Norwegischen Küste, nach dem Nordkap, den Inseln Jan Mayen und Island . . . unternommen . . . 1861 von . . . G. Berna in Begleitung von C. Vogt, H. Hasselhorst, A. Gressly und A. Herzen. Erzählt von C. Vogt. Mit einem wissenschaftlichen Anhang, *&c. pp. xii, 429 : 20 pls., 3 maps, text illust.* 8⁰. *Frankfurt-am-Main*, 1863.

Vogt (C. C.) [Vorlesungen über den Menschen, *&c.* 2 Bd. 8⁰. *Giessen*, 1863.]
Wanting.

Lectures on Man : his place in Creation, and in the history of the Earth. *See* ANTHROPOLOGICAL SOCIETY OF LONDON. Publications, *&c.* 8⁰. 1864.

Vogt (C. C.) Vorlesungen über nützliche und schädliche, verkannte und verläumdete Thiere, *&c. pp. iv, 239 : text illust.* 8⁰. *Leipzig*, 1864.

Vogt (C. C.) Mémoire sur les Microcéphales, ou Hommes-Singes, *&c. pp. 204 : 26 pls. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. XI. 4⁰. 1867.

Die Affenmenschen C. Vogts. *See* SCHUMANN (A.) 8⁰. 1868.

Vogt (C. C.) Atlas der Zoologie . . . Separat-Ausgabe aus der zweiten Auflage des Bilder-Atlas. *pp. 115 : 33 pls.* obl. 4⁰. *Leipzig*, 1875.
The text is printed in 4 columns.

Vogt (C. C.) Ueber Vulkane. *pp. 48.* 8⁰. *Basel*, 1875.
Oeffentliche Vorträge gehalten in der Schweiz. Bd. III, hft. 2.

Vogt (C. C.) Recherches Cotières, *&c. pp. 104 : 6 pls. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. XIII. 4⁰. 1877.

Vogt (C. C.) Die Herkunft der Eingeweidewürmer des Menschen, *&c. pp. 62 : text illust.* 8⁰. *Basel, &c.*, 1878.

Vogt (C. C.) Les prétendus Organismes des Météorites. *pp. 55 : 3 pls. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. XV. 4⁰. 1882 (1883).

Vogt (C. C.) Les Mammifères . . . Édition Française originale. Ouvrage illustré . . . par F. Specht, *&c. pp. xxvii, 548 : 40 pls., text illust.* 4⁰. *Paris*, 1884.
Printed in double column.

Vogt (C. C.) Sur un nouveau genre de Médusaire sessile, *Lipkea ruspoliana*, C. V. *pp. 53 : 2 pls. See* GENEVA.—INSTITUT NATIONAL GENEVOIS. Mémoires, *&c.* Tom. XVII. 4⁰. 1889.

Vogt (C. C.) & **Agassiz** (J. L. R.) Anatomie des Salmones, *&c. pp. 196 : 18 pls. See* NEUCHATEL.—SOCIÉTÉ DES SCIENCES NATURELLES. Mémoires, *&c.* Tom. III. 4⁰. 1846.

Vogt (C. C.) & **Yung** (É.) Lehrbuch der praktischen vergleichenden Anatomie. 2 Bd. *illust.* 8⁰. *Braunschweig*, 1885–94.

Vogt (C. C.) & **Yung** (É.) Traité d'Anatomie comparée pratique. 2 Tom. *illust.* 8⁰. *Paris*, 1888–94.

VOGT (JOHAN H. L.) [1858–]
Skiktede moræner. *pp. 4 : text illust.*
Nogle bemærkninger om Granit. *pp. 30 : 2 pls., text illust.*
See CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1881, no. 8 & 9. 8⁰. 1882.

Vogt (J. H. L.) Studier over Slagger. I. *pp. 302 : text illust. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. IX, no. 1. 8⁰. 1884.
Medd. Stockholms Högskola. No. 8.

Vogt (J. H. L.) Om kunstig dannelse af Glimmer. *pp. 42 : 1 pl. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1887, no. 6. 8⁰. 1887.

Vogt (J. H. L.) Praktiskt geologiska undersökningar inom Jemtlands län. II. Om malmförekomster i Jemtland och Herjedalen. *pp. 19, text illust. See* SWEDEN. —*Sveriges Geologiska Undersökning.* Ser. C. Afhandlingar, *&c.* No. 89. 4⁰. 1887.
For Pt. I *see* HÖGBOM (A. G.) 1885; for Pt. III *see* JÖNSSON (J.) 1889, & HENNING (E.) 1889.

Vogt (J. H. L.) Praktisk-geologiske undersøgelser af Nordlands amt. 3 Pt. *illust. See* NORWAY.—*Norges Geologiske Undersøgelse.* 8⁰. 1890–1900.

Vogt (J. H. L.) Beiträge zur Kenntniss der Gesetze der Mineralbildung in Schmelzmassen und in den neovulkanischen Ergussgesteinen (jüngeren Eruptivgesteinen). *pp. iii, 271: 2 pls.* 8⁰. *Kristiania*, 1892.

Vogt (J. H. L.) Om dannelsen af de vigtigste i Norge og Sverige representerede grupper af jernmalmforekomster . . . (Mit einem Deutschen Resumé.) *See* NORWAY. —*Norges Geologiske Undersøgelse.* [Publication No. 6.] 8⁰. 1892.

Vogt (J. H. L.) Nikkelforekomster og nikkelproduktion, *&c. See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publication No. 7.] 8⁰. 1892.

Vogt (J. H. L.) Nissedalens jernmalmforekomst (i Thelemarken) . . . Med "Resumé in Deutscher Sprache." *See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publication] No. 17. 8⁰. 1895.

Vogt (J. H. L.) Norsk Marmor . . . Med "Resumé in Deutscher Sprache." *See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publication] No. 22. 8⁰. 1897.

Vogt (J. H. L.) Die Silikatschmelzlösungen, mit besonderer Rücksicht auf die Mineralbildung und die Schmelzpunkt-Erniedrigung. 2 Pt. *illust. (col.) See* CHRISTIANIA. —VIDENSKABS-SELSKABET. Skrifter, *&c.* 1903. No. 8; & 1904. No. 1. 8⁰. 1903 (1904)–05.

Vogt (J. H. L.)
Om Andøens jurafelt, navnlig om landets langsomme nedsynken under juratiden og den senere hævning samt gravforkastning. [With summary in German.] *pp. 67: 1 pl., 1 map, text illust.*
Om relationen mellem størrelsen af eruptivfelterne og størrelsen af de i eller ved samme optrædende malmudsondringer. [With resumé in German.] *pp. 20. See* NORWAY.—*Norges Geologiske Undersøgelse.* Aarbog for 1905, *&c.* No. 3 & 5. 8⁰. 1905.
[Publication] No. 43.

Vogt (J. H. L.) Ueber anchi-monomineralische und anchi-eutektische Eruptivgesteine. *pp. 104: text illust. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Skrifter, *&c.* 1908. No. 10. 8⁰. 1908 (1909).

Vogt (J. H. L.) Ueber das Spinell: Magnetiteutektikum. *pp. 25: 1 pl., text illust. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Skrifter, *&c.* 1910, no. 5. 8⁰. 1910 (1911).

Vogt (J. H. L.) & **Rekstad** (J. B.) Søndre Helgelands Kvartærgeologi. *See* NORWAY.—*Norges Geologiske Undersøgelse.* [Publication] No. 29. 8⁰. 1900.

VOGT (KARL) *See* VOGT (C.)

VOGT (OSKAR) Neurobiologische Arbeiten. Herausgegeben von O. Vogt. Ser. I, bd. I→ *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. IX→ 4⁰. 1902→

VOGT (THOROLF) Studien über die Humitgruppe. *pp. 27: 1 pl., text illust. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Skrifter, *&c.* 1912, no. 5. 8⁰. 1912.

VOGT (TRAUGOTT CAROLUS AUGUSTUS) [1762–1807] Programma invitatorium, quo T. C. A. Vogt . . . dissertationem inauguralem . . . indicit. Inest prolusionum Boehmerianarum Specimen VIII. (IX., XI.–XIV.) Plantas fabulosas amatoria aliaque virtute superstitiosas recensens. 6 No. *See* BOEHMER (G. R.) 4⁰. 1803.

VOGTHERR (MAX) Köhler's Medizinal-Pflanzen . . . Bearbeitet von . . . M. Vogtherr. Bd. III. *See* KOEHLER (F. E.) 4⁰. [1896–98.]

VOIGT (ALFRED) Die Botanischen Institute der Freien und Hansestadt Hamburg. *pp. 54: text illust.* 8⁰. *Hamburg*, 1901.
Hamburg naturw. mediz. Beziehung.

VOIGT (CHRISTIAN AUGUST) [–1890] De systemate intermedio vasorum ejusque radicibus. Dissertatio inauguralis, *&c. pp. 30 [2].* 4⁰. *Vindobonæ*, 1840.

VOIGT (FRIEDRICH SIEGMUND) [1781–1850] Dissertatio inauguralis medico-botanica sistens conspectum tractatus de Plantis hybridis, *&c. pp. 14.* 4⁰. *Jenæ* [1803].

Voigt (F. S.) [Wörterbuch der Botanischen Kunstsprache. 8⁰. *Jena*, 1803.]
Wanting.

—— Zweite . . . Auflage. *pp. xii, 260.* 8⁰. *Jena*, 1824.

Voigt (F. S.) System der Botanik. *pp. xxix, 384: 4 pls.* 8⁰. *Jena*, 1808.

—— [Another edition entitled :] Lehrbuch der Botanik . . . Zweite . . . Ausgabe. *pp. x, 485.* 8⁰. *Jena*, 1827.

Voigt (F. S.) F. S. Voigt's . . . System der Natur und ihre Geschichte. *pp. xii, 866.* 8⁰. *Jena*, 1823.
Wanting pp. 849–864.

Voigt (F. S.) Das Thierreich, geordnet nach seiner Organisation . . . Nach der zweiten . . . Ausgabe übersetzt und durch Zusätze erweitert von F. S. Voigt. 6 Bd. [in 10.] *See* CUVIER (G. L. C. F. D.) *Baron.* 8⁰. 1831–43.

Voigt (F. S.) Lehrbuch der Zoologie. 6 Bd. [in 5] & Atlas, *22 pls.* 8⁰. & 4⁰. *Stuttgart*, 1835–42.
Forms Bd. VII–XII of the "Naturgeschichte der drei Reiche," by G. W. Bischoff and others.

Voigt (F. S.) Geschichte des Pflanzenreichs. 2 Bd. 8⁰. *Jena*, 1850.

Voigt (F. S.) Handbuch der praktischen Botanik, enthaltend die Geschichte, Beschreibung, und Anwendung sämmtlicher in Deutschland wildwachsender und in den Gärten und Gewächshäusern cultivirten Pflanzen. 2 Bd. [in 1.] 8⁰. *Jena*, 1850.

VOIGT (GOTTFRIED) [1644–1682] Ex Historiâ Naturali disputationem publicam de Piscibus fossilibus atque volatilibus . . . præside M. G. Voigt . . . exhibebit responsurus J. H. Vulpius, *&c. pp. 16.* 4⁰. *Wittebergæ* [1667].

VOIGT (JOHANN CARL WILHELM) [1752–1821] Kleine mineralogische Schriften. 2 Thl. [in 1 Vol.] 8⁰. *Weimar*, 1799–1800.

Voigt (JOHANN C. W.) Mineralogische Reisen durch das Herzogthum Weimar und Eisenach und einige angränzende Gegenden, *&c.* 2 Thl. [1 Vol.] *illust.* 8⁰. *Leipzig*, 1782–85.
Wanting Thl. 1.

—— Neue . . . Auflage. Thl. I. 8⁰. *Leipzig*, 1794.

Voigt (Johann C. W.) [Mineralogische Beschreibung des Hochstifts Fulda und einiger merkwürdigen Gegenden am Rhein und Mayn. 8⁰. *Dessau & Leipzig*, 1783.]
Wanting.

—— Neue . . . Auflage. *pp.* [*xii,*] *244* [*16*] *: 1 map.* 8⁰. *Leipzig*, 1794.

Voigt (Johann C. W.) Ueber Aquamarin und Topas, *&c. pp. 3. See* Erfurt.—koenigliche akademie gemeinnützliger wissenschaften. Acta, *&c.* 1786–87. 4⁰. 1787.

Voigt (Johann C. W.) [Practische Gebirgskunde. 8⁰. *Weimar*, 1792.]
Wanting.

—— Zweite . . . Ausgabe. *pp. xx, 286 : 1 pl.* 8⁰. *Weimar*, 1797.

Voigt (Johann C. W.) Versuch einer Geschichte der Steinkohlen, der Braunkohlen und des Torfes, nebst Anleitung, diese Fossilien kennen und unterscheiden zu lernen, sie aufzusuchen und nützlich anzuwenden, *&c.* 2 Thl. [in 1 Vol.] *illust.* 8⁰. *Weimar*, 1802–5.

VOIGT (J. F.) Geschichtliches über die Gärten um Hamburg. *pp. 46.* 8⁰. *Hamburg*, 1869.

VOIGT (Johann Heinrich) [1751–1823] *See* Magazin fuer das Neueste aus der Physik und Naturgeschichte, herausgegeben . . . vom Prof. Voigt. Bd. iv–xii. 8⁰. 1786–99.

Voigt (Johann H.) *See* Magazin fuer den Neuesten Zustand der Naturkunde . . . Herausgegeben von H. Voigt. Bd. i–xii. 8⁰. 1797–1806.

VOIGT (Johann Otto) [1798–1843] Hortus Suburbanus Calcuttensis. A catalogue of the Plants which have been cultivated in the Hon. East India Company's Botanical Garden Calcutta, and in the Serampore Botanical Garden generally known as Dr. Carey's Garden . . . from the beginning of both establishments (1786 and 1800) to the end of August 1841 . . . Printed under the superintendence of W. Griffith. *pp. xxiv, 745, lxviii.* 4⁰. *Calcutta*, 1845.

VOIGT (Max) [1877–] Die basischen Eruptivgesteinsgänge des Lausitzer Granitgebietes. Eine petrographisch-chemische Studie. Inaugural-Dissertation, *&c. pp. 49* [*1*] *: 4 pls. back to back.* 8⁰. *Weida i. Th.*, 1906.

VOIGT (Woldemar) [1850–] Bestimmung der Elasticitätsconstanten des Steinsalzes. *pp. viii, 90 : 2 pls.* 8⁰. *Berlin*, 1875.
This also appeared in "Ann. Phys. Chem." Ergänzb. vii, 1876.

Voigt (W.) Bestimmung der Elasticitäts-Constanten von Beryll und Bergkrystall. 8⁰. *Göttingen*, 1886.
Nachricht. k. Ges. Wissensch. Göttingen. 1886. *pp. 93–120 & 289–339 : 1 pl.*

Voigt (W.) Die fundamentalen physikalischen Eigenschaften der Krystalle in elementarer Darstellung. *pp. viii, 243 : text illust.* 8⁰. *Leipzig*, 1898.

Voigt (W.) Lehrbuch der Kristallphysik (mit Ausschluss der Kristalloptik). *pp. xxiv, 964, 1 tab. : text illust.* 8⁰. *Leipzig & Berlin*, 1910.
Forming a volume of the series: "B. G. Teubners Sammlung von Lehrbüchern auf dem Gebiete der Mathematischen Wissenschaften, *&c.* Bd. xxxiv."

VOIT (Carl von) [1831–1908] Physiologie des allgemeinen Stoffwechsels und der Ernährung. *See* Hermann (L.) Handbuch der Physiologie. Bd. vi, thl. 1. 8⁰. 1881.

VOIT (Johann Gottlob Wilhelm) [1786–1813] Cryptogamie. *See* Sturm (J.) Deutschlands Flora, *&c.* Abth. ii, hft. 11–14. 12⁰. 1810–13.

Voit (J. G. W.) Historia Muscorum frondosorum in magno ducatu Herbipolitano crescentium. *pp. viii, 231 : 1 pl.* 8⁰. *Norimbergæ*, 1812.

VOITH (Ignaz von) [1759–1848] Deutschlands Fauna . . . vi. Abtheilung. Die Würmer. [Mollusca.] Heft 3–4. [Edited by I. von Voith.] *See* Sturm (J.) 8⁰. 1813–19.

Voith (I. von) Naturhistorische Topographie von Regensburg. In Verbindung mit . . . v. Voith (1ᵉ. Bd. iii. Geognostischer Theil.—3ᵉ. Bd. iii. Animalia mollusca . . . Mit Anmerkungen von I. v. Voith.) bearbeitet, *&c. See* Fuernrohr (A. E.) 8⁰. 1838–40.

VOĬTZĬTZKIĬ (Sīghīzmund Thaddeevīch) Protzess oplodotvoreniya u *Chara fœtida.* [Process of fructification in *Chara fœtida.*] *pp. 169 : 1 pl. See* Warsaw.—obshchestvo estestvoĭspuitateleĭ, *&c.* Protokolui . . . otdyelenie Biologhiĭ. Ghod. xi. 8⁰. 1901.

VOJTĚCH (Rosický) & **Thugutt** (S. J.) O epidesminie, nowym dzeolicie.—Sur l'épidesmine, un nouveau Zéolite. 8⁰. *Warszawa*, 1913.
Sprawozd. Tow. Nauk. Warszawsk. Rok VI, zesz. 3 & 4, 1913, *pp. 225–234 : 1 pl.*

VOLBORTH (Alexander von) [1800–1876] De Bobus uro, arni et caffro. Dissertatio inauguralis zootomica, *&c. pp. 26 : 3 pls.* 4⁰. *Berolini*, 1825.

Volborth (A. von) Ueber die mit glatten Rumpfgliedern versehenen Russischen Trilobiten, nebst einem Anhange über die Bewegungsorgane und über das Herz derselben. *pp. 47 : 4 pls., text illust. See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. vi, no. 2. 4⁰. 1863.

Volborth (A. von) Ueber einige neue Ehstländische Illænen. *pp. 11 : 2 pls. See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. viii, no. 9. 4⁰. 1864.

Volborth (A. von) Ueber *Achradocystites* und *Cystoblastus*, zwei neue Crinoideen-Gattungen, eingeleitet durch kritische Betrachtungen über die Organe der Cystideen. *pp. 14 : 1 pl. See* St. Petersburg.—académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. xvi, no. 2. 4⁰. 1870.

VOLCAMERUS (Joannes Georgius) *See* Volckamer.

VOLCANOLOGICAL REVIEW, *&c. See* Zeitschrift fuer Vulkanologie . . . Herausgeber I. Friedlaender, *&c.* Bd. i, hft. 1→ 4⁰. 1914→

VOLCKAMER (Johann Christoph) *See* Volkamer.

VOLCKAMER (Johann Georg) [1616–1693] Chocolata [l]nda. Opusculum . . . Hispanico . . . editum : nunc . . . in Latinum translatum [by J. G. Volckamer]. *See* Colmenero de Ledesma (A.) 12⁰. 1644.

Volckamer (Johann G.) Opobalsami orientalis in Theriaces confectionem Romæ revocati examen, doctiorumq; calculis approbati sinceritas. *pp.* [*vi,*] *224* [*8*] *: engr. title.* 12⁰. *Norimbergæ*, 1644.

VOLCKAMER (Johann Georg) *the Younger* [1662–1744] Flora Noribergensis, sive Catalogus Plantarum in agro Noribergensi tam sponte nascentium, quam exoticarum, *&c. pp. xx, 407 : 25 pls.* 4⁰. *Noribergæ*, 1700.

—— [Another edition.] *pp. xviii, 407 : 25 pls.* 4⁰. *Noribergæ*, 1718.
The title-page, dedication, and pp. i–ii are alone re-set.

VOLGER (Georg Heinrich Otto) [1822–1897] Dissertatio inauguralis de agri Luneburgici constitutione geognostica, *&c.* *pp. 44 : 1 pl.* 8⁰. *Gottingæ* [1845].

Volger (G. H. O.) Beiträge zur geognostischen Kenntniss des Norddeutschen Tieflandes . . . Erster Beitrag.† — Über die geognostischen Verhältnisse von Helgoland, Lüneburg, Segeberg, Läggedorf und Elmshorn in Holstein und Schwarzenbeck im Lauenburgischen, *&c.* *pp. x, 96 : 3 pls. col.* 4⁰. *Braunschweig*, 1846.

Volger (G. H. O.) Die Krystallographie, oder Formenlehre der stoffeinigen Naturkörper, *&c.* *pp. viii, 454, 6 tabs. : text illust.* 8⁰. *Stuttgart*, 1854.

Volger (G. H. O.) Studien zur Entwicklungsgeschichte der Mineralien, als Grundlage einer wissenschaftlichen Geologie und rationellen Mineralchemie *pp. xxvi, 548 : 1 pl.* 8⁰. *Zürich*, 1854.

Volger (G. H. O.) Aragonit und Kalzit. Eine Lösung des ältesten Widerspruches in der Krystallographie. Nebst Untersuchung über den Asterismus der Krystalle. *pp. 64 : 3 pls.* 8⁰. *Zürich*, 1855.
Mittheil. Naturf. Ges. Zürich. Bd. IV.

Volger (G. H. O.) Die Entwicklungsgeschichte der Mineralien der Talkglimmer-Familie und ihrer Verwandten, sowie der durch dieselben bedingten petrographischen und geognostischen Verhältnisse. *pp. xv, 634.* 8⁰. *Zürich*, 1855.

Volger (G. H. O.) Epidot und Granat. Beobachtungen über das gegenseitige Verhältniss dieser Krystalle und über Felsarten, welche aus Kalzit, Pyroxen, Amphibol, Granat, Epidot, Quarz, Titanit, Feldspath und Glimmerarten bestehen, *&c.* *pp. 58.* *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Tom. XIV. 4⁰. 1855.

Volger (G. H. O.) Versuch einer Monographie des Borazites, *&c.* *See* Luneburg.—Naturwissenschaftlicher Verein fuer das Fuerstenthum Lueneburg. Denkschriften, *&c.* Bd. I. 8⁰. 1855.

Volger (G. H. O.) Untersuchungen über das Phänomen der Erdbeben in der Schweiz, *&c.* 3 Thl. [in 1 Vol.] *illust.* 8⁰. *Gotha*, 1857–58.

VOLHARD (Jacob) [1834–1910] Annalen der Chemie und Pharmacie ([Continued as :] Justus Liebig's Annalen, *&c.*) . . . Herausgegeben von . . . J. Volhard. Bd. CLVIII – CCCXXIV. *See* Liebig's Annalen der Chemie, *&c.* 8⁰. 1871–1902.

VOLKAMER (Johann Christoph) [1644 – 1720] Nürnbergische Hesperides, oder gründliche Beschreibung der edlen Citronat-, Citronen-, und Pomerantzen-Früchte, wie solche, in selbiger und benachbarten Gegend recht mögen . . . fortgebracht werden . . . Beneben der Flora oder curiosen Vorstellung verschiedener raren Blumen, *&c.* *pp. [vi,] 255 [11] : 116 pls., text illust.* fol. *Nürnberg*, 1708.

—— Continuation der Nürnbergischen Hesperidum, *&c.* *pp. [xlii,] 239 [4] : 133 pls., text illust.* fol. *Nürnberg*, 1714.

VOLKART (Albert) Untersuchungen über den Parasitismus der Pedicularisarten. Inauguraldissertation, *&c.* *pp. 52.* 8⁰. *Zürich*, 1899.

VOLKENS (Georg) [1855–] Die Flora der Ægyptisch-Arabischen Wüste auf Grundlage anatomisch-physiologischer Forschungen dargestellt. *pp. 156 : 18 pls.* 4⁰. *Berlin*, 1887.

Volkens (G.) Chenopodiaceæ & Basellaceæ. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. III, abth. 1a. 8⁰. 1892–1893.

Volkens (G.) Ueber die Bestäubung einiger Loranthaceen und Proteaceen. Ein Beitrag zur Ornithophilie. *See* Giesenhagen (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

Volkens (G.) Laubfall und Lauberneuerung in den Tropen. *pp. [i,] 142.* 8⁰. *Berlin*, 1912.

Volkens (G.) & **Schweinfurth** (G. A.) Liste des Plantes récoltées par les Princes Démètre et Nicolas Ghika-Comanesti dans leur voyage au pays des Somalis. *See* Schweinfurth (G. A.) & Volkens (G.) 8⁰. 1897.

Volkens (G.) & **Schweinfurth** (G. A.) Liste des Plantes récoltées par les Princes D. et N. Ghika-Comanesti . . . au pays des Somalis. *See* Ghika (N. D.) *Prince.* Cinq mois au Pays des Somalis, *&c.* 8⁰. 1898.

VOLKMANN (Alfred Wilhelm) [1801–1877] Anatomia Animalium, tabulis illustrata . . . Vol. I. Liber 1. *12 pls., with descriptive letterpress.* 4⁰. *Lipsiæ*, 1831.
Title from wrapper.
Wanting the second book, published in 1833.

Volkmann (A. W.) De Colubri natricis generatione commentatio, *&c.* *pp. 22 : 1 pl.* 4⁰. *Lipsiæ*, 1834.

Volkmann (A. W.) Zur Lehre von dem Verhältniss der Ganglienkörper zu den Nervenfasern. Neue Beiträge von . . . F. H. Bidder . . . Nebst einem Anhange von A. W. Volkmann, *&c.* *See* Bidder (F. H.) 4⁰. 1847.

VOLKMANN (Georg Anton) G. A. Volkmanns . . . Silesia subterranea, oder Schlesien, mit seinen unterirrdischen Schätzen, Seltsamheiten, welche dieses Land mit andern gemein, oder zuvoraus hat, *&c.* *pp. 344 [14] : 54 pls.* 4⁰. *Leipzig*, 1720.

VOLLENHOVEN (Samuel Constant Snellen van) [1816–1880] Verslag van de zesde algemeene vergadering der . . . Vereeniging. *See* Hague, The.—Nederlandsche Entomologische Vereeniging. 8⁰. [1850].

Vollenhoven (S. C. S. van) Beschouwing der Wonderen Gods, *&c.* [Continued after Deel VII, pl. xli, under the editorship of Snellen van Vollenhoven.] *See* Sepp (C.) 4⁰. 1853–60.

Beschrijvingen en afbeeldingen van Nederlandsche Vlinders, bijeengebragt door . . . S. C. Snellen van Vollenhoven. 3 Dl. *illust. col.* 4⁰. *Amsterdam & 's Gravenhage*, 1860–77.
This work is a continuation of C. Sepp's "Beschouwing der Wonderen Gods," and has a second title which reads :—"Nederlandsche Insecten naar hunne aanmerkelijke huishouding, verwonderlijke gedanteverwisseling en andere wetenswaardige bijzonderheden beschreven en afgebeeld door J. C. Sepp. Tweede Serie."

Vollenhoven (S. C. S. van) Tijdschrift voor Entomologie. Uitgegeven . . . onder redactie van . . . S. C. Snellen van Vollenhoven. Deel I–XXIII. *See* Hague, The.—Nederlandsche Entomologische Vereeniging. 8⁰. (1857–) 1858–80.

Vollenhoven (S. C. S. van) Overzigt der Gelede Dieren. *See* Schlegel (H.) Natuurlijke historie van Nederland. 1860–61.

Vollenhoven (S. C. S. van) Essai d'une Faune Entomologique de l'Archipel Indo-Néerlandais. 3 Pt. 4⁰. *La Haye*, 1863–68.

Monog.	I. Famille des Scutellérides.	*pp. 60 : 4 pls. col.*	1863.
,,	II. Famille des Piérides.	*pp. 70 : 7 pls. (col.)*	1865.
,,	III. Famille des Pentatomides.	*pp. 42 : 4 pls. col.*	1868.

Vollenhoven (S. C. S. van) Schetsen ten gebruike bij de studie der Hymenoptera, *&c.* 4 No. *illust.* obl. fol. *'s Gravenhage*, 1868–73.

Vollenhoven (S. C. S. VAN) Laatste Lijst van Nederlandsche Schildvleugelige Insecten (Insecta Coleoptera), *&c. pp. iv, 146. See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. III, dl. I. 4⁰. 1870.

Vollenhoven (S. C. S. VAN) Pinacographia. Illustrations of . . . North-West-European Ichneumonidæ, sensu Linnæano.—Afbeeldingen van . . . Nord-West-Europeesche Sluipwespen, *&c. pp. xi, 68 : 45 pls. col.* 4⁰. *'s Gravenhage*, 1875–1880.
Dutch and English in parallel column.

Vollenhoven (S. C. S. VAN) Hemiptera Heteroptera Neerlandica. De inlandische ware Hemipteren (land- en waterwantsen) beschreven en meerendeels ook afgebeeld. *pp. xii, 368 : 22 pls.* 8⁰. *'s Gravenhage*, 1878.

Vollenhoven (S. C. S. VAN) & **Selys-Longchamps** (M. E. DE) *Baron.* Insectes de Madagascar, *&c. See* POLLEN (F. P. L.) & DAM (D. C. VAN) Recherches sur la Faune de Madagascar, *&c.* Pt. 5. 4⁰. 1877.

VOLLMANN (FRANZ) Flora von Bayern. *pp. xxviii, 840 : text illust.* 8⁰. *Stuttgart*, 1914.

VOLNEY (CONSTANTIN FRANÇOIS DE CHASSEBŒUF) *Count* [1757–1820] Travels through Syria and Egypt, in . . . 1783–85 . . . Translated from the French. 2 Vol. *illust.* 8⁰. *London*, 1787.
The French original appeared in the same year.

VOLTA (GIOVANNI SERAFINO) Elementi di Mineralogia analitica, e sistematica . . . Edizione corretta, *&c. pp. xvi, 296.* 8⁰. *Cremona*, 1787.

Volta (G. S.) Ittiolitologia Veronese del Museo Bozziano ora annesso a quello del Conte G. Gazola e di altri gabinetti di fossili Veronesi con la versione Latina. 3 Pt. [in 2 Vol.] fol. *Verona*, 1796–1809.
Italian and Latin in parallel columns.

Revue critique des Poissons fossiles figurés dans l'Ittiolitologia Veronese, *&c. See* AGASSIZ (J. L. R.) 8⁰. 1835.

VOL'TKE (GH.) K īstoriī razvītiya *Urospora mirabilis*, Aresch. (Zur Entwicklungsgeschichte d. *Urospora mirabilis*, Aresch.) *pp. 53 : 2 pls. See* ODESSA.—NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. XII. [Pt. 1.] 8⁰. 1887.

VOLTZ (FRIEDRICH) Geologische Bilder aus dem Mainzer Becken. *pp. viii, 88 : 4 pls.* 8⁰. *Mainz*, 1852.

Voltz (F.) Uebersicht der geologischen Verhältnisse des Groszherzogthums Hessen. *pp. vi, 169 : 1 map geol. col.* 8⁰. *Mainz*, 1852.

VOLTZ (PHILIPPE LOUIS) [1785–1840] Observations sur les Bélemnites, *&c. pp. 70 : 8 pls. See* NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, *&c.* Tom. I, livr. 1. 4⁰. 1830.

Voltz (P. L.) Notice sur le Grès bigarré de la grande carrière de Soultz-les-Bains, *&c. pp. 14. See* NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, *&c.* Tom. II, livr. 2. 4⁰. 1836.

Voltz (P. L.) Observations sur les Belopeltis, ou lames dorsales des Bélemnites, *&c. pp. 38 : 5 pls. See* NANCY. — SOCIÉTÉ DES SCIENCES. Mémoires, *&c.* Tom. III, livr. 1. 4⁰. 1840.

VOLYAN (VASĪLIĬ) Nachalnos osnovanis Roslīnosloviya, *&c.* [First principles of Botany.] *pp. xvi, 271.* 8⁰. *Vyednī*, 1854.

VOLZ (WILHELM THEODOR AUGUST HERMANN) [1870–] Die Korallenfauna der Schichten von St. Cassian in Süd-Tirol. Inaugural-Dissertation, *&c. pp. 15 : text illust.* 4⁰. *Stuttgart*, 1895.

Volz (W. T. A. H.) Zur Geologie von Sumatra. Beobachtungen und Studien. *pp. 112 : 12 pls., 3 maps, text illust. See* PALAEONTOLOGISCHE ABHANDLUNGEN, *&c.* Bd. X, hft. 2. 4⁰. 1904.

Volz (W. T. A. H.) Das geologische Alter der *Pithecanthropus*-Schichten bei Trinil, Ost-Java. *See* NEUES JAHRBUCH FUER MINERALOGIE . . . Festband zur Feier des 100jährigen Bestehens, 1807–1907. 8⁰. 1907.

Volz (W. T. A. H.) Kartographische Ergebnisse meiner Reisen durch die Karo- und Pakpakbatakländer (Nord-Sumatra). 8⁰. [*Amsterdam*, 1908.]
Tijdschr. K. Nederl. Aardrijksk. Genoot. Amsterdam. 1908, *pp. 1345–1382 : 2 pls., 3 maps.*

VOORHELM (GEORGE) Traité sur la Jacinte. Contenant la manière de la cultiver suivant l'expérience qui en a été faite. *pp. 123 : 2 pls.* 8⁰. *Harlem*, 1752.

VOORST (ADOLPH VAN) *See* VORSTIUS (A.)

VORHAUSER (JOHANN) [1784–1865] & **Liebener** (L.) Die Minerale Tirols, *&c. See* LIEBENER (L.) & VORHAUSER (J.) 8⁰. 1852.

VORLAENDER (DANIEL) [1867–] Krystallinisch-flüssige Substanzen. *pp. iv, 82 : text illust.* 8⁰. *Stuttgart*, 1908.

Vorlaender (D.) & **Hauswaldt** (H.) Achsenbilder flüssiger Krystalle. *pp. 13 [2], 19 pls. See* ACADEMIA CAESAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Bd. XC, no. 2. 4⁰. 1909.

VORONĪN (MĪKHAĪL STEPANOVĪCH) [1838–1903] Ueber den Bau des Stammes von *Calycanthus, &c. pp. 8 : 1 pl.* 4⁰. (*Halle*) [1860].
Bot. Zeitung. Jahrg. 1860.

Voronīn (M. S.) Ueber die bei der Schwarzerle (*Alnus glutinosa*) und der gewöhnlichen Garten-Lupine (*Lupinus mutabilis*) auftretenden Wurzelanschwellungen. *pp. 13 : 2 pls. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. X, no. 6. 4⁰. 1866.

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Voronīn (M. S.) Ueber die Sclerotienkrankheit der Vaccinieen-Beeren. Entwickelungsgeschichte der diese Krankheit verursachenden Sclerotinien. *pp. 49 . 10 pls. (col.) See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XXXVI, no. 6. 4⁰. 1888.

Voronīn (M. S.) Die Sclerotienkrankheit der gemeinen Traubenkirsche und der Eberesche. (*Sclerotinia Padi* und *S. Aucuparie.*) *pp. 27 : 5 pls. (col.) See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. II, no. 1. 4⁰. 1895.

Voronīn (M. S.) Ueber *Sclerotinia cinerea* und *Sclerotinia fructigena. pp. 38 : 6 pls. (col.) See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. X, no. 5. 4⁰. 1900.

Voronīn (M. S.) Beitrag zur Kenntnis der Monoblepharideen. *pp. 24 : 3 pls. (col.) See* ST. PETERSBURG. —ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XVI, no. 4. 4⁰. 1904.

Voronīn (M. S.) & **Bary** (H. A. DE) Beiträge zur Morphologie und Physiologie der Pilze. Reihe I–V. *See* BARY (H. A. DE) & VORONĪN (M. S.) 4⁰. 1864-82.

Voronīn (M. S.) & **Famintzuin** (A. S.) Ueber zwei neue Formen von Schleimpilzen: *Ceratium hydnoides*, Alb. et Schw., und *Ceratium porioides*, Alb. et Schw. *pp. 16: 3 pl. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. XX, no. 3. 4⁰. 1873.

Voronīn (M. S.) & **Rostafiński** (J. T.) Ueber *Botrydium granulatum. See* ROSTAFIŃSKI (J. T.) & VORONĪN (M. S.) 4⁰. 1877.

VORST (ADOLPH) *See* VORSTIUS.

VORSTIUS (ADOLPHUS) [1597–1663] Catalogus Plantarum Horti Academici Lugduno-Batavi, quibus is instructus erat anno 1633 . . . Accessit Index Plantarum indigenarum, quæ propè Lugdunum in Batavis nascuntur. *See* SPIGELIUS (A.) A. Spigelii . . . Isagoges in Rem Herbariam, libri duo, *&c.* 8⁰. 1633.

VORSTIUS (ÆLIUS EVERARDUS) [1565–1624] E. Vorstii . . . Oratio funebris in obitum C. Clusii Atrebatis, *&c.* *See* LÉCLUSE (C. DE). C. Clusii . . . Curæ posteriores, *&c.* 4⁰. 1611.

VOS (ANDRÉ DE) Flore complète de la Belgique. Espèces indigènes et Plantes cultivées sans abri. *pp. xxiii, 739.* 8⁰. *Mons*, 1885.

VOS (GERARDUS DE) G. de Vos . . . Commentatio in quæstionem . . . propositam: quæritur, ad incrustationes indigenæ sint chemicæ, an vero alius originis? *&c. pp. 12. See* LEYDEN.—RIJKS UNIVERSITEIT. Annales, *&c.* 1822–3. 4⁰. 1824.

Vos (G. DE) G. von Vos . . . Responsio ad quæstionem . . . "Entozoä, quæ . . . in Humanis corporibus hactenus, in Belgio fuerunt reperta, enumerentur et ad genera et species . . . referantur, *etc.*" *pp. 68. See* UTRECHT.—RIJKS-UNIVERSITEIT. Annales, *&c.* 1822–3. 8⁰. 1824.

VOSGES, *Department of the.* [*Maps.*] Carte Géologique des Vosges, par H. Hogard . . . échelle 1 : 120,000 [*i.e.* 1 in. = 2 m. about]. 4 sh. *col. Mulhouse*, 1845.

Vosges, *Department of the.* [*Maps.*] Carte Géologique du département des Vosges par E. de Billy. Échelle 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. 4 sh., & 2 of sections, *col.* [*Paris*,] 1848.

VOSMAER (ARNOUT) [1720–1799] Poissons, Écrevisses et Crabes . . . que l'on trouve autour des isles Moluques, et sur les côtes des Terres Australes . . . [Second edition] augmenté d'une préface par . . . A. Vosmaer. 2 Tom. [in 1] *illust. See* RENARD (L.) fol. 1754.

Vosmaer (A.) Natuurkundige beschryving eener uitmuntende verzameling van zeldsaame Gedierten, bestaande in Oost- en Westindische viervoctige Dieren, Vogelen en Slangen, weleer leevend voorhanden geweest zynde, buiten den Haag, op het kleine Loo van Z. D. H. den Prins van Oranje-Nassau, *&c.* 4⁰. *Amsterdam*, (1766–) 1804.

Under this collective title are brought together 33 separate papers, each with its distinctive title-page. In this copy they have been arranged chronologically instead of in the systematic order of the index. The half-title, a coloured lithographed design, reads: "Regnum Animale per A. Vosmaer." The first 26 pls., *i.e.* those issued before 1780, are without legends.

1. Beschryving van een . . . soort van Africaansch Breedsnuitig Varken, of Bosch-Zwyn, *&c.* *pp. 15: 1 pl. col.* 1766.
2. Beschryving van eene . . . soort van Africaansch Basterd-Mormeldier, *&c.* *pp. 8: 1 pl. col.* 1767.

[**Vosmaer** (A.) Natuurkundige beschryving eener uitmuntende verzameling van zeldsaame Gedierten, *&c.* (contd.)]

3. Beschryving van eene . . . soort van Oostindischen . . . vliegenden Eekhoorn, *&c.* *pp. 12: 1 pl. col.* 1767.
4. Beschryving van . . . het Guineesche Juffer-Bokje. *pp. 8: 1 pl.* 1766.
5. Beschryving van eene . . . Surinaamsche Ratelslang, *&c.* *pp. 22: 1 pl. col.* 1768.
6. Beschryving van den Amerikaanschen Trompetter, *&c.* *pp. 8: 1 pl. col.* 1768.
7. Beschryving van een . . . Amerikaanschen langstaartigen Ys-Vogel, *&c.* *pp. 9: 1 pl. col.* 1768.
8. Beschryving van een . . . Amerikaansch Ys-Vogeltje, hebbende byna geen staart, *&c.* *pp. 6: 1 pl.* 1768.
9. Beschryving van twee . . . Oost-Indische Ys-Vogeltjes, *&c.* *pp. 7: 1 pl. col.* 1768.
10. Beschryving van eene . . . Amerikaansche langstaartige Aapsoort . . . genaamd . . . Bosch-Duivel, of Slinger-Aap, *&c.* *pp. 12: 1 pl. col.* 1768.
11. Beschryving van eenen . . . Amerikaanschen Lyster, Quereiva genaamd, in Brasil vallende, *&c.* *pp. 7: 1 pl. col.* 1769.
12. Beschryving van den Amerikaanschen Rots-Haan, *&c.* *pp. 7: 1 pl. col.* 1769.
13. Beschryving van eene . . . Oost-Indische Papegaay-soort, de groote Purper-Roode Loeri genaamd, in Ceylon vallende, *&c.* *pp. 10: 1 pl. col.* 1769.
14. Beschryving van eenen Afrikaanschen . . . Roof-Vogel, de Sagittarius genaamd, *&c.* *pp. 8: 1 pl. col.* 1769.
15. Beschryving van een tot nu toe onbekende vyfvingerige Luiaard-soort, in Bengaalen vallende, *&c.* *pp. 20: 1 pl. col.* 1770.
16. Beschryving van eene . . . Amerikaansche . . . Slinger-Aapsoort genaamd de Fluiter, *&c.* *pp. 6: 1 pl. col.* 1770.
17. Beschryving van eene . . . Afrikaansche . . . Kat-soort, genaamd de Bizaam-Kat, *&c.* *pp. 6: 1 pl. col.* 1771.
18. Beschryving van een . . . soort van Amerikaansche . . . Wezel, Potto genaamd, *&c.* *pp. 6: 1 pl. col.* 1771.
19. Beschryving van den Amerikaanschen . . . Stier, genaamd Bison, *&c.* *pp. 10: 1 pl. col.* 1772.
20. Beschryving van den Oostindischen . . . Ichneumon, *&c.* *pp. 10: 1 pl. col.* 1772.
21. Beschryving van eenen . . . Oostindischen . . . Bosch-Hond, *&c.* *pp. 6: 1 pl. col.* 1773.
22. Beschryving van eene . . . Oostindische . . . Bosch-Kat, *&c.* *pp. 6: 1 pl. col.* 1773.
23. Beschryving van twee . . . Platstaart Slangen, *&c.* *pp. 8: 1 pl. col.* 1774.
24. Beschryving van de . . . Langstaartige, ruw-geschubde Slang-Hagedis . . . geyk mede, van de . . . Worm-Hagedis, *&c.* *pp. 8: 1 pl. col.* 1774.
25. Beschryving van de . . . Aap-soort, genaamd Orang-Outang, *&c.* *pp. 23: 2 pls. col.* 1778.
26. Beschryving van de . . . Harte-Bokken, genaamt Coudou, *&c.* *pp. 15: 1 pl. col.* 1783.
27. Beschryving van het . . . Eland . . . genaamd Canna. *pp. 12: 1 pl. col.* 1783.
28. Beschryving van een Boschbuffel . . . genaamd Gnou. *pp. 14: 1 pl.* 1784.
29. Beschryving eener . . . Hartebok . . . onder de benaaming van Pronkbok. *pp. 14: 1 pl. col.* 1784.
30. Beschryving van het . . . Giraffe, *&c.* (Waarneemingen over het geraamte van de Camelopardalis, *&c.* [By P. Camper, 1786.]) *pp. 44: 2 pls. col.* 1787.
31. Beschryving van een . . . Africaansch Diertje . . . genaamd de Groenglanzige Mol, *&c.* *pp. 12: 1 pl. col.* 1787.
32. Beschryving van een . . . Ceilonsche Kaneelduif, *&c.* *pp. 12: 1 pl. col.* 1804.
33. Beschryving van eenen . . . Africaanschen . . . naakthalsigen Nimmerzat of Wulp . . . genoemd Bosch-Kalkoen, *&c.* *pp. 8: 1 pl. col.* 1804.

Vosmaer (A.) Description d'un receuil exquis d'Animaux rares, consistant en Quadrupèdes, Oiseaux et Serpents, des Indes orientales, et occidentales, *&c.* 4⁰. *Amsterdam*, (1767–) 1804 (–05).

French edition of the preceding, with the same coloured half-title. The separate papers are arranged as shown in the Contents, *i.e.* chronologically under the three divisions Mammals, Birds, and Reptiles. No. 15–20 are marked as "traduit par Mr. Renfner."

1. Description d'une . . . espèce de Porc à Large Groin ou Sanglier d'Afrique, *&c.* *pp. 15: 1 pl. col.* 1767.
2. Description d'une . . . espèce de Petit Bouc Damoiseau de Guinée, *&c.* *pp. 8: 1 pl. col.* 1767.
3. Description d'une . . . espèce de Marmote-Bâtarde d'Afrique, *&c.* *pp. 8: 1 pl. col.* 1767.
4. Description d'une espèce . . . de grand Écureuil volant à longue queuë des Indes orientales, *&c.* *pp. 11: 1 pl. col.* 1767.
5. Description d'une espèce . . . de Singe d'Amérique à longue queuë, nommé Quatto . . . et, par les Hollandois, Bosch-Duivel . . . ou Slinger-Aap, *&c.* *pp. 12: 1 pl. col.* 1768.
6. Description d'une espèce de Paresseux Pentadactyle . . . qui se trouve au Bengale, *&c.* *pp. 19: 1 pl. col.* 1770.
7. Description d'une espèce . . . de Singe Voltigeur Américain . . . nommé le Siffleur, *&c.* *pp. 6: 1 pl. col.* 1770.
8. Description d'une espèce . . . de Chat Africain . . . nommé Chat-Bizaam, *&c.* *pp. 6: 1 pl. col.* 1771.
9. Description d'une . . . Belette Américaine . . . nommée Potto. *pp. 6: 1 pl. col.* 1771.
10. Description du Bœuf Bossu d'Amérique nommé Bison, *&c.* *pp. 10: 1 pl. col.* 1772.
11. Description de l'Ichneumon Indien, *&c.* *pp. 10: 1 pl. col.* 1772.

[**Vosmaer** (A.) Description d'un receuil exquis d'Animaux rares, *&c.* (contd.)]

12. Description d'un Chien Sauvage Indien . . . trouvé dans l'Isle de Ceylan, *&c. pp. 6 : 1 pl. col.* 1773.
13. Description d'un Chat Sauvage Indien . . . trouvé au Japon, *&c. pp. 6 : 1 pl. col.* 1773.
14. } Description de l'espèce de singe . . . nommé Orang-Outang
15. } de l'Isle de Borneo. *pp. 23 : 2 pls. col.* 1778.
16. Description d'un animal . . . qui porte le nom de Coudou, *&c. pp. 14 : 1 pl. col.*, 1783.
17. Description . . . d'Elan, *&c. pp. 12 : 1 pl. col.* 1783.
18. Description d'un . . . quadrupède . . . appellé Gnou chez les Hottentots, *&c. pp. 13 : 1 pl. col.* 1784.
19. Description d'une . . . Gazelle, connue . . . sous le nom de Pronk-Bok, *&c. pp. 14 : 1 pl. col.* 1784.
20. Description d'un animal . . . auquel j'ai donné le nom . . . de Taupe Verdâtre Luisante, *&c. pp. 11: 1 pl. col.* 1787.
21. Description du . . . Chameau-Léopard (Camelopardalis), *&c.* (Remarques sur le squelette de la Giraffe, *&c.* [By P. Camper.]) *pp. 46 : 2 pls. col.* 1787.

1. Description du Trompette Américain, oiseau . . . de Surinam, *&c. pp. 8 : 1 pl. col.* 1768.
2. Description d'un Alcyon d'Amérique, à longue queuë, *&c. pp. 9 : 1 pl. col.* 1768.
3. Description d'un petit Alcyon d'Amérique, *&c. pp. 6 : 1 pl. col.* 1768.
4. Description de deux petits Alcyons des Indes orientales, *&c. pp. 7 : 1 pl.* 1768.
5. Description d'une . . . Grive d'Amérique, nommée Quereiva, *&c. pp. 5 : 1 pl. col.* 1769.
6. Description du Coq-des-Roches Américain, *&c. pp. 7 : 1 pl. col.* 1769.
7. Description d'une . . . espèce de Perroquet des Indes nommé le Grand Lory Rouge-Pourpré, *&c. pp. 10 : 1 pl. col.* 1769.
8. Description d'un Oiseau de Proie, nommé le Sagittaire, *&c. pp. 8 : 1 pl. col.* 1769.
9. Description d'une espèce . . . de Pigeon nommée Pigeon Canelle de Ceilon, *&c. pp. 12 : 1 pl. col.* 1805.
10. Histoire naturelle du Courli Africain, *&c. pp. 8 : 1 pl. col.* 1805.

1. Description d'un Serpent à Sonnette de l'Amérique, *&c. pp. 20 : 1 pl. col.* 1767.
2. Description d'un . . . Lézard-Serpent . . . et d'un . . . Lézard-Ver, Africain, *&c. pp. 8 : 1 pl. col.* 1774.
3. Description de deux . . . Serpens à queue applatie, *&c. pp. 8 : 1 pl. col.* 1774.

—— [Another copy.]

Wanting the collective title, préavis, and the last four papers published. The plates are uncoloured.

—— [Another copy.]

This differs from the preceding in that the plates, which are coloured and in some cases have been retouched, with only four exceptions bear legends in Dutch.

VOSMAER (Gualtherus Carel Jacob) Aanteekeningen over *Leucandra aspera*, H. Bijdrage tot de kennis der Kalksponzen. Academisch proefschrift, *&c. pp. 96 : 2 pls. col.* 8⁰. *Leiden*, 1880.

Vosmaer (G. C. J.) Report on the Sponges dredged up in the Arctic Sea by the "Willem Barents" in . . . 1878–79. *See* Niederlaendisches Archiv fuer Zoologie. Supplement Band i. 8⁰. 1882.

Vosmaer (G. C. J.) Spongien (Porifera). *See* Bronn (H. G.) Die Klassen und Ordnungen des Thier-Reichs, *&c.* Bd. ii. [abth. i.] 8⁰. (1882–) 1887.

Vosmaer (G. C. J.) The Sponges of the "Willem Barents" Expedition 1880–81. *pp. 47 : 5 pls. (col.), text illust. See* Amsterdam. — koninklijk zoologisch genootschap "natura artis magistra." Bijdragen tot de Dierkunde. Aflev 12. 4⁰. 1885.

Vosmaer (G. C. J.) The Porifera of the Siboga-Expedition [to the Dutch East Indies]. ii. The genus *Spirastrella. pp. 69 : 14 pls. (col.) See* Weber (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. vi a'. 4⁰. 1911.

Vosmaer (G. C. J.) & **Pekelharing** (C. A.) Observations on Sponges. *pp. 51 : 4 pls. See* Amsterdam.— koninklijke akademie van wetenschappen. Verhandelingen . . . Tweede Sectie. Dl. vi, no 3. 8⁰. 1898.

Vosmaer (G. C. J.) & **Vernhout** (J. H.) The Porifera of the Siboga-Expedition [to the Dutch East Indies]. i. The genus *Placospongia. See* Weber (M. C. W.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. vi a. 4⁰. 1902.

VOSS (Albert Franz Ludwig) [1837–1906] *See* Zeitschrift fuer Ethnologie . . . Redactions-Commission : R. Hartmann . . . A. Voss. Bd. xii–xix. 8⁰. 1880–87.

VOSS (Wilhelm) [1849–1895] Versuch einer Geschichte der Botanik in Krain (1754 bis 1883). Hft. i. *pp. 59 : 1 port., text illust.* 8⁰. *Laibach*, 1884.

Jahresb. Staats-Oberrealschule Laibach. 1884.

Voss (W.) Mycologia Carniolica. Ein Beitrag zur Pilzkunde des Alpenlandes. *pp. 302.* 8⁰. *Berlin*, 1889–92.

Mittheil Musealvereines Krain. Jahrg. 1889–92.

Voss (W.) Die Mineralien des Herzogthums Krain. *pp. 101, map.* 8⁰. *Laibach*, 1895.

VOSSELER (Julius) Die Amphipoden der Plankton-Expedition. i Theil. Hyperiidea 1. *pp. viii, 129 : 11 pls., 2 maps (col.), text illust. See* Hensen (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, *&c.* Bd. ii, G.e. 4⁰. 1901.

Also forms No. 17 of "Mitteil. Königl. Naturalien-Kabinet zu Stuttgart."

Vosseler (J.) Die Krebsfauna unserer Gewässer. *See* Zacharias (O.) Die Tier- und Pflanzenwelt des Süsswassers, *&c.* Bd. i, no. 9. 8⁰. 1891.

VOSSIUS (Isaac) [1618–1689] C. Plinii Secundi Naturalis Historiæ . . . cum commentariis et adnotationibus . . . I. Vossii, *&c. See* Plinius Secundus (C.) 8⁰. 1778 (–91).

VOSSLER (Ch. K.) Die Kokkelskörner und das Pikrotoxin. Mit Benutzung von C. K. Vossler's hinterlassenen Versuchen. *See* Tschudi (J. J. von) *Baron.* 8⁰. 1847.

VOTCHAL (Evgheni̇ĭ Fīlīppovīch) K voprosy o rasprostraneniĭ ī raspedyeleniĭ Solyanīna v Rasteniyakh, *&c.*—Zur Frage von der Verbreitung und Vertheilung des Solanin's in den Pflanzen, *&c.* 2 Pt. *See* Kazan. —obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xviii [no. 3]; xix [no. 5]. 8⁰. 1887, 89.

Votchal (E. F.) Otlozheniya krakhmala v drevesnuikh porodakh . . . (Predvarītel'noe soobshchenie).—Ueber die Ablagerung und die Lösungsvorgänge der Reservestärke in den Holzgewächsen . . . (Vorläufige Mittheilung). *pp. 6. See* Kazan. — obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui zasyedaniĭ, *&c.* 1888–89. Prīlozhéniya [Appendix], no. 104. 8⁰. 1889.

VOYAGES. A Collection of Voyages . . . containing : i. Capt. W. Dampier's Voyages round the World . . . ii. The Voyages of L. Wafer ; giving an account of his being left on the Isthmus of America . . . with . . . the Natural History of those parts. By a Fellow of the Royal Society. And Davis's Expedition to the Golden Mines. iii. A Voyage round the World : containing an account of Capt. Dampier's expedition into the South-Seas in the ship St. George . . with a voyage from the west coast of Mexico to East India. By W. Funnell, *&c.* iv. Capt. Cowley's Voyage round the globe. v. Capt. Sharp's Journey over the Isthmus of Darien, and expedition into the South Seas. vi. Capt. Wood's Voyage through the Streights of Magellan. vii. Mr. Roberts's Adventures . . . amongst the Corsairs of the Levant : his description of the Archipelago Islands, *&c.* 4 Vol. *illust.* 8⁰. *London*, 1729.

VOZNESENSKIĬ (V.) Ghīdrogheologhīcheskiya īzslyedovaniya v Novomoskovskom uyezdye, Ekaterīnoslavskoĭ ghuberniĭ.—Hydrogeologische Untersuchungen im Kreise Nowomoskowsk, Gouvernement Jekaterinoslaw. *pp. [ii,] 145, 1 tab. : 1 map. See* Russia.—*Comité Géologique.* Trudui, *&c.* Tom. xx, no. 2. 4⁰. 1902.

VRBA (Karel) [1845–] Beiträge zur Kenntniss der Gesteine Süd-Grönland's. *pp. 33 : 3 pls. col.* 8⁰. [*Wien*,] 1874.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. LXIX, abth. 1.

Vrba (K.) O mineralech Beryllnatých okolí Píseckého. [On minerals of the Beryl group in the environs of Pisek.] *pp. 16 : 2 pls. See* Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. III, čís. 12. 8⁰. 1894.

Vrba (K.)
Příspěvek k morfologii Sylvanitu. [Contributions to the morphology of Sylvanite.] *pp. 5.*
O některých mineralech z Allcharu v Macedonii. [On some minerals from Allchar in Macedonia.] *pp. 7. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1894, no. 47 & 48. 8⁰. 1895.

Vrba (K.) Darstellung der Symmetrie der Kristalle durch Spiegelung. *pp. 8 : text illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1908, no. 22. 8⁰. 1909.

VREDENBURG (Ernest Watson) [1870–] A summary of the Geology of India. *pp. 67 : 2 tabs.* 8⁰. *Calcutta*, 1907.

—— Second edition, *&c. pp.* [*ii*,] *111 : 5 tabs.* 8⁰. *Calcutta*, 1910.

Vredenburg (E. W.) Introductory Note on the stratigraphy of the Ranikot Series. *See* India.—*Geological Survey.* Palæontologica Indica, *&c.* New Series, vol. III, no. 1. 4⁰. 1909.

VREDIUS (Olivarius) [1578-1652] A. B. de Boot . . . Florum, Herbarum, ac fructuum selectiorum icones, & vires pleræq; hactenus ignotæ. E bibliothecâ O. Vredii, *&c.* [Edited with a preface by O. Vredius.] *See* Boodt (A. B. de). obl. 4⁰. 1640.

VRIES (Hugo de) [1848–] Untersuchungen über die mechanischen Ursachen der Zellstreckung, ausgehend von der Einwirkung von Salzlösungen auf den Turgor wachsender Pflanzenzellen, *&c. pp. vi, 120 : text illust.* 8⁰. *Leipzig*, 1877.

Vries (H. de) Intracellulare Pangenesis, *&c. pp. vi, 212.* 8⁰. *Jena*, 1889.

Vries (H. de) Die Pflanzen und Thiere in den dunklen Räumen der Rotterdamer Wasserleitung. Bericht über die biologischen Untersuchungen der *Crenothrix*-Commission zu Rotterdam . . . 1887. *pp.* [*iv*,] *73 : 1 pl., text illust.* 8⁰. *Jena*, 1890.

Vries (H. de) Die Mutationstheorie. Versuche und Beobachtungen über die Entstehung von Arten im Pflanzenreich. 2 Bd. *illust.* 8⁰. *Leipzig*, 1901 [*i.e.* 1900]-03.

Vries (H. de) The Mutation Theory . . . Translated by . . . J. B. Farmer and A. D. Darbishire. 2 Vol. *illust.* 8⁰. *London*, 1910-11.

Vries (H. de) Die Mutationen und Mutationsperioden bei der Entstehung der Arten. Vortrag, gehalten in der allgemeinen Sitzung der naturwissenschaftlichen Hauptgruppe der Versammlung Deutscher Naturforscher und Aerzte in Hamburg am 26. September 1901. *pp. 64 : text illust.* 8⁰. *Leipzig*, 1901.

Vries (H. de) [Species and Varieties : their origin by Mutation. Lectures . . . edited by D. T. MacDougal. 8⁰. *Chicago & London*, 1905.]
Wanting.

—— Second edition, *&c. pp. xviii, 847 : 1 port.* 8⁰. *Chicago & London*, 1906.

Vries (H. de) [Plant-Breeding, *&c.* 8⁰. *London*, 1907.]
Wanting.

Pflanzenzüchtung . . . Unter Mitwirkung des Verfassers nach der zweiten . . . Original-Auflage übersetzt von A. Stessen. *pp. v, 303 : text illust.* 8⁰. *Berlin*, 1908.

Vries (H. de) Gruppenweise Artbildung unter spezieller Berücksichtigung der Gattung *Œnothera. pp. vii* [*i*], *365 : 22 pls. col., text illust.* 8⁰. *Berlin*, 1913.

VRIESE (Willem Hendrik de) [1807–1862] G. H. de Vriese . . . Responsio ad quæstionem botanicam . . . qua quæritur : "Quid hactenus ex Plantarum Physiologia de forma, directione, structura, et functione Radicum innotuerit," *&c. pp. 93.* 4⁰. *Groningæ*, 1829.
Ann. Acad. Groningana. 1826–7.

Vriese (W. H. de) *See* Tijdschrift voor Natuurlijke Geschiedenis en Physiologie. Uitgegeven door . . . W. H. de Vriese, *&c.* Deel I–XII.† 8⁰. 1834–45.

Vriese (W. H. de) Oratio de progressu physiologiæ Plantarum, prudenti naturam indagandi rationi tribuendo. *pp.* [*iv*,] *39. See* Leyden.—rijks universiteit. Annales, *&c.* 1834–5. 4⁰. 1835.

Vriese (W. H. de) Plantenkunde voor Apothekers en Artsen, of beschrijvingen der Geneeskrachtige Planten naar de natuurlijke familien van het Plantenrijk. 2 Deel. 8⁰. *Leiden*, 1835–36.

Vriese (W. H. de) Proeve eener geschiedkundig-botanische verhandeling over den *Papyrus antiquorum See* Tijdschrift voor Natuurlijke Geschiedenis en Physiologie, *&c.* Dl. II, *pp. 27–64.* 8⁰. 1835.

Vriese (W. H. de) Essay on the *Papyrus* of the Ancients. [Translated from the Dutch by W. B. Macdonald.] *pp. 16.* 8⁰. [*London*, 1844.]
The Classical Museum. Pt. 16.

Vriese (W. H. de) Hortus Spaarn-Bergensis. Enumeratio Stirpium, quas in Villa Spaarn-Berg prope Harlemum alit A. van der Hoop (Appendix Annotatiuncularum), *&c. pp. xii, 146* (*xvi : 2 pls. col.*). 8⁰. *Amstelodami*, 1839.
For a catalogue of later date, *See* Merkus Doornik (J. J. F. H. T.)

Vriese (W. H. de) G. H. de Vriese protrepticus ad commilitones, *&c. pp. 35.* 8⁰. *Amstelodami*, 1841.

Vriese (W. H. de) Berigt aangaande een' onlangs uit Java ontvangen' *Cycas circinalis*, L., gekweet en thans bloeijende in den Kruidtuin der Stad Amsterdam. *pp. 19.* 8⁰. *Amsterdam*, 1842.

Vriese (W. H. de) Plantæ Preissianæ [in part by W. H. de Vriese], *&c. See* Lehmann (J. G. C.) 8⁰. 1844–47.

Vriese (W. H. de) G. H. de Vriese Oratio de re Herbaria Batavis non minus quam reliquis Europæ populis excolenda, *&c. pp. 34.* 8⁰. *Lugduni Batavorum*, 1845.

Vriese (W. H. de) Plantæ novæ et minus cognitæ Indiæ Bataváe Orientalis. Nouvelles recherches sur la Flore des possessions Neêrlandaises aux Indes Orientales . . . Ouvrage orné de planches dessinées par . . . Q. M. R. Ver Huell. *pp.* [*vi*,] *12 : 3 pls.* fol. *Amsterdam*, *&c.*, 1845.

Vriese (W. H. de) Nederlandsch Kruidkundig Archief. Uitgegeven door W. H. de Vriese, *&c.* Deel I–V, stuk 2. *See* Nimeguen.—nederlandsche botanische vereeniging. 8⁰. 1846–61.

Vriese (W. H. DE) Voorloopige mededeeling omtrent eene bloeijende *Agave Americana*, L. (dusgenaamde Honderdjarige Aloë) . . . Eerste (—Tweede) stukje, *&c.* *pp. 37.* 8⁰. *Leiden*, 1847.

Vriese (W. H. DE) Descriptions et figures des Plantes nouvelles et rares du Jardin Botanique de l'Université de Leide et des principaux Jardins du royaume des Pays-Bas, *&c.* Liv. 1 [& 2].† *10 pls. col., with descriptive letterpress.* fol. *Leide & Leipsic*, 1847 [-51].

Wanting the title-page to Livr. 2.

Vriese (W. H. DE) [Australian Botany.] *See* MITCHELL (*Sir* T. L.) Journal of an expedition into the interior of tropical Australia, *&c.* 8⁰. 1848.

Vriese (W. H. DE) Analecta Goodenoviearum ad auctoritatem Herbariorum Musei Cæsarei Vindobonensis, Lessertii, Hookeri, Lindleji, Preissii . . . et aliorum proposita. *pp. 67.* 8⁰. [*Leyden*, 1849.]

Niederl. Kruidk. Arch. Dl. II, 1848.

Vriese (W. H. DE) *Cankrienia*, de Vriese, een nieuw geslacht uit de natuurlijke orde der Primulaceæ. Op het eiland Java ontdekt door . . . F. Junghuhn. *pp. 12.* 4⁰. [*Leyden*, 1850.]

Jaarb. k. Nederland. Maatsch. aanmoedig. tuinbouw. 1850.

Vriese (W. H. DE) Een woord over den Sambinoer-Boom van Sumatra, betrekkelijk deszelfs botanische bepaling volgens C. L. Blume. [By W. H. de Vriese.] 2 Pt. *See* NIMEGUEN.—NEDERLANDSCHE BOTANISCHE VEREENIGING. Nederlandsch Kruidkundig Archief. Dl. II. 8⁰. 1851.

The second part is separately paged and forms an appendix to Dl. II.

Vriese (W. H. DE) De Kamferboom van Sumatra (*Dryobalanops Camphora*, Colebr.). Volgens . . . F. Junghuhn's waarnemingen op de plaats zelve, en door nadere onderzoekingen toegelicht, *&c.* *pp. 67 : 1 pl.* 4⁰. *Leiden*, 1851.

Vriese (W. H. DE) Plantæ Junghuhnianæ. (Ranunculaceæ to Primulaceæ—Aroideæ—Leguminosæ. Additamentum secundum.) *See* JUNGHUHN (F. W.) 8⁰. [1851-55.]

Vriese (W. H. DE) De Medecijn-Hof. Beschrijving der voornaamste geneesrijke gewassen, vermeld in de "Nederlandsche Apotheek," *&c.* *pp. 224.* 8⁰. *Leiden*, 1852.

Vriese (W. H. DE) Mémoire sur les Rafflesias *Rochussenii* et *Patma*, d'après les recherches faites aux Îles de Java et de Noessa Kambangan, et au Jardin de l'Université de Leide, *&c.* *pp. 9 : 2 pls.* fol. *Leide & Dusseldorf*, 1853.

Vriese (W. H. DE) Goodenovieæ, *&c.* *pp. viii, 194 : 38 pls.* *See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. X. 4⁰. 1854.

Vriese (W. H. DE) Illustrations d'Orchidées des Indes Orientales Néerlandaises, ou choix de Plantes nouvelles et peu connues de la famille des Orchidées . . . avec texte explicatif et scientifique par . . . W. H. de Vriese, *&c.* Livr. I-III. *18 pls. col., with descriptive letterpress.* fol. *La Haye*, 1854-55.

Printed in double column.

Vriese (W. H. DE) De Kina-Boom uit Zuid-Amerika overgebragt naar Java, onder de regering van Koning Willem III. *pp. 122.* 8⁰. *'s Gravenhage*, 1855.

Vriese (W. H. DE) Tuinbouw-Flora van Nederland en zijne overzeesche bezittingen; bevattende de geschiedenis en afbeeldingen van nieuwe merkwaardige Planten, Bloemen, Vruchten mededeelingen omtrent de Kultuur, *&c.* 3 Dl. *illust. col.* 8⁰. *Leyden*, 1855-56.

Vriese (W. H. DE) Mémoire sur le Camphrier de Sumatra et de Bornéo. *pp. 23 : 2 pls.* 4⁰. *Leide*, 1856.

Vriese (W. H. DE) Plantæ Indiæ Bataviæ Orientalis, quas in itinere per insulas Archipelagi Indici Javam, Amboinam, Celebem, Ternatam, aliasque, annis 1815-1821 exploravit C. G. C. Reinwardt, *&c.* *pp. 160 : 6 pls.* 4⁰. *Lugduni-Batavorum*, 1856 [-57].

Vriese (W. H. DE) De invloed der Kruidkunde op de belangen van den Staat. *pp. 21.* 8⁰. *Leiden*, 1857.

Vriese (W. H. DE) Minjak Tangkawang, en andere Voortbrengselen van het Plantenrijk van Borneo's Westerafdeeling . . . naar aanleiding van onderzoekingen in Nederlandsch Indië en op Borneo zelf gedaan . . . in 1857-61, *&c.* *pp.* [*iv*,] *37.* 4⁰. *Leiden*, 1861.

Vriese (W. H. DE) & **Harting** (PIETER) Monographie des Marattiacées, d'après les collections du Musée Imp. de Vienne, de celui de Paris, de Sir W. J. Hooker, de M. F. Delessert, de M. . . F. Junghuhn, de quelques principaux Jardins de l'Europe, et celui de Buitenzorg à l'île de Java; suivie de recherches sur l'anatomie, l'organogénie, et l'histiogénie du genre *Angiopteris*, et de considérations sur la structure des Fougères en général. *pp. viii, 60 . 9 pls.* fol. *Leide & Dusseldorf*, 1853.

VROEG (ADRIAN) [Catalogue raisonné d'une collection . . . d'Oiseaux . . . de Quadrupèdes et d'Insectes, *&c.* 8⁰. *La Haye*, 1764.]

Wanting.
A list of the Birds described in this rare work was published by C. D. Sherborn in Smithsonian Miscellaneous Collections, Vol. XLVII, 1905, pp. 332-341, and followed by "Notes" by C. W. Richmond, pp. 342-47. Vroeg did not describe any Quadrupeds or Insects.

VROLIK (GERARD) [1775-1859] G. Vrolik Dissertatio medico-botanica, sistens observationes de defoliatione Vegetabilium, nec non de viribus Plantarum, ex principiis botanicis dijudicandis. *pp.* [*vi*,] *61.* 4⁰. *Lugduni Batavorum*, 1797.

Vrolik (G.) G. Vrolik Oratio de eo, quod Amstelædamenses ad rem botanicam exornandam contulerunt. *pp. 70.* 4⁰. *Amstelædami*, 1797.

Vrolik (G.) G. Vrolik Catalogus Plantarum Medicinalium in Pharmacopœa Belgica memoratarum. Accedit introductio ad studium botanicum. *pp. 4, xl, 176, 2 tabs.* 8⁰. *Amstelodami*, 1825.

Vrolik (G.) Elenchus Plantarum, quæ in Horto Amstelædamensi coluntur. [Compiled by G. Vrolik.] *See* AMSTERDAM.—HORTUS BOTANICUS AMSTELAEDAMENSIS. 8⁰. (1821.)

Vrolik (G.) Waarnemingen en proeven over de onlangs geheerscht hebbende ziekte der Aardappelen, *&c.* *pp. vi, 22.* 8⁰. *Amsterdam*, 1845.

—— Nadere waarnemingen, *&c.* *pp. xv : 1 pl. col.* 8⁰. *Amsterdam*, 1846.

Vrolik (G.) Observations et expériences rélatives à la maladie des Pommes de Terre. *pp. 32 : 1 pl. col.* 8⁰. *Amsterdam*, 1846.

Vrolik (G.) Nieuw voorbeeld van twee uitgegroeide stoottanden aan denzelfden Narwal-schedel. *See* AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 3. 4⁰. 1851.

Vrolik (G.) Over het Verschil van de inwendige Gesteldheid der Horenpitten bij Antilopen, *&c. pp. 8 : 2 pls. See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Dl. I. 4⁰. 1853 (1854).

VROLIK (WILLEM) [1801–1863] W. Vrolik . . . Commentatio qua respondetur ad quæstionem . . . Quæritur brevis et distincta expositio fabricæ et functionis organi auditus in Homine . . . anatome comparata ita illustrata, *&c. pp. 96 : 1 pl. See* UTRECHT.— RIJKS UNIVERSITEIT, Annales, *&c.* 1820–1. 8⁰. 1822.

Vrolik (W.) Specimen anatomico-zoölogicum de Phocis, speciatim de *Phoca vitulina, &c. pp.* [*iv,*] *138* [*1*] : *4 pls.* 8⁰. *Trajecti ad Rhenum*, 1822.

Academic Thesis.

Vrolik (W.) *See* BIJDRAGEN TOT DE NATUURKUNDIGE WETENSCHAPPEN, verzameld door . . W. Vrolik, *&c.* Deel I–VII.† 8⁰. 1826 32.

Vrolik (W.) Natuur- en ontleedkundige opmerkingen over den Chameleon, *&c. pp. 96 : 2 pls.* 8⁰. *Amsterdam*, 1827.

Vrolik (W.) W. Vrolik, . . . oratio de vinculo disciplinæ physiologicæ cum historia naturali, *&c. pp. 20. See* LEYDEN.—REIJKS UNIVERSITEIT. Annales, *&c.* 1831–2. 4⁰. 1833.

Vrolik (W.) Ontleed- en natuurkundige aanteekeningen over den grooten Kanguroo (*Macropus major*, Shaw). *pp. 64* [*2*] : *2 pls.* 8⁰. [*Amsterdam*, 1836.]

Tijdsch. Natuurl. Gesch. Dl. III.

Vrolik (W.) Recherches d'Anatomie comparée sur le Chimpansé. *pp. 51 . 7 pls.* fol. *Amsterdam*, 1841.

Vrolik (W.) Tabulæ ad illustrandam embryogenesin Hominis et Mammalium, tam naturalem quam abnormen.—De vrucht van den Mensch en van de Zoogdieren, afgebeeld en beschreven in hare regelmatige en onregelmatige ontwikkeling. Fasc. II, III, V & VIII. 4⁰. *Amsterdam*, 1844–45.

Vrolik (W.) Natuur- en ontleedkundige Beschouwing van den Hyperoodon, *&c. pp. 128 : 15 pls. See* HAARLEM. — HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. V, stuk. 1. 4⁰. 1848.

Vrolik (W.) Bijdrage tot de Natuur- en ontleedkundige kennis van den *Manatus Americanus. See* AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 4. 4⁰. 1852.

Vrolik (W.) Beschrijving van gebrekkigen Hersen- en Schedel- Vorm, *&c. pp. 16 : 4 pls. See* AMSTERDAM.— KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Dl. I. 4⁰. 1854.

Vrolik (W.) Ontleedkundige Nasporigen omtrent *Dendrolagus inustus, &c. pp. 36 : 6 pls. See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Dl. V. 4⁰. 1857.

Vrolik (W.) & **Hoeven** (J. VAN DER) Beschrijving en afbeelding van eenen te Pompeji opgegraven Menschelijken Schedel, *&c. pp. 6 : 2 pls. col. See* AMSTERDAM.— KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Dl. VII. 4⁰. 1859.

Vrolik (W.) & **Kolk** (J. L. C. S. VAN DER) Nasporingen omtrent vaavtlechten bij onderscheiden Diervormen *See* AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 1. 4⁰. 1848.

Vrolik (W.) & **Kolk** (J. L. C. S. VAN DER) Recherches d'anatomie comparée sur le genre *Stenops*, d'Illiger. *See* AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 2. 4⁰. 1851.

VRY (JOHAN ELIZA DE) [1813–1898] Dissertatio . . inauguralis de Analysi Chymica, qua partes Plantarum et Animalium remotæ cognoscuntur, *&c. pp.* [*vi,*] *iv, 63* [*4*]. 8⁰. *Roterodami*, 1838.

VUIJCK (L.) *See* VUYCK.

VUILLEMIN (PAUL) [1861 -] De la valeur des caractères anatomiques au point de vue de la Classification des Végétaux. — Tige des Composées, *&c. pp. 258 : text illust.* 8⁰. *Paris*, 1884.

Vuillemin (P.) La Biologie Végétale, *&c. pp. 380 : text illust.* 8⁰. *Paris*, 1888.

VUILLOD (J.) La Nouvelle Calédonie & ses produits en 1890. *pp 223* [*3*]. 16⁰. *Saint-Claude*, 1891.

The wrapper reads "Renseignements sur la Nouvelle Calédonie et ses productions."

Vuillot ( ) & **Mabille** (P.) *Entomologist.* Novitates Lepidopterologicæ. Fasc. 1-12.† *See* MABILLE (P.) & VUILLOT ( ) 4⁰. 1890–95.

VUISOTZKIĬ (NĪKOLAĬ KONSTANTĪNOVĪCH) Ocherkī Moskovskoĭ Antropologhīcheskoĭ vuistavkī. [An account of the Moscow Anthropological Exhibition.] *pp. 49. See* KAZAN. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. IX. [No. 1.] 8⁰. 1880.

Vuisotzkiĭ (N. K.) Sovremennoe sostoyanie voprosa o sushchestvovaniĭ Chelovyeka v Tretīchnuyu épokhu. [The present state of the question concerning the existence of Man in the Tertiary epoch.] *pp. 15. See* KAZAN. —OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1879-80. Prīlozheniya, No. 47. 8⁰. 1880.

Vuisotzkiĭ (N. K.) Ocherkī antropologho-étnoghrafīcheskīkh īzslyedovaniĭ, proīsvedennuikh v techeniī lyeta 1880 ghoda. [Accounts of anthropologico-ethnographical investigations conducted in the course of the summer of 1880.] *pp. 27. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. X. [No. 3.] 8⁰. 1881.

Vuisotzkiĭ (N. K.) Les gisements d'Or du système de Kotchkar dans l'Oural du sud. *pp. 6 : 1 map. See* CONGRÈS GÉOLOGIQUE INTERNATIONAL. — *Seventh Session.* Guide des Excursions du VII. Congrès, *&c.* 8⁰. 1897.

Vuisotzkiĭ (N. K.) Myestorozhdeniya Zolota Kochkarskoĭ sīstemui v yuzhnom Uralye.—Les mines d'Or du district de Kotchkar dans l'Oural du Midi. *pp. iv, 211 : 3 pls., 3 maps* (*2 geol. col.*), *text illust.* RUSS. & FR. *See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Vol. XIII, no. 3. 4⁰. 1900.

Vuisotzkiĭ (N. K.) Myestorozhdeniya Platīnui Īsovskogho ī Nīzhne-Taghīl'skagho raĭonov na Uralye.—Die Platinseifengebiete von Iss- und Nischny-Tagil im Ural. *pp. vi, 694* [*2,*] *4 tabs. : 33 pls., 4 maps col., text illust. See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouvelle Série, Livr. 62. 4⁰. 1913.

Vuisotzkiĭ (N.K.) & **Shtukenbergh** (A.A.) Materialui dlya īzucheniya kamennagho vyeka v Kazanskoĭ ghubernii.—Materialien zur Kenntniss des Steinalters im Gouv. Kazan. *pp. 88 : 16 pls., 3 maps. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XIV. [No. 5.] 8⁰. 1885.

VUĬTZĪTZKIĬ (S.) *See* VOĬTZĪTZKIĬ (S. TH.)

VUKOTINOVIĆ formerly **Farkas-Vukotinović** (LJUDEVIT) [1815–1893] Die Botanik nach dem naturhistorischen Sistem. *pp. vi, 74.* 8⁰. *Agram*, 1855.

Vukotinović (L.) Hieracia Croatica in seriem naturalem disposita. *pp. 21 : 2 pls.* 4⁰. *Zagrabiæ*, 1858.

Vukotinović (L.) Formæ Quercuum Croaticarum in ditione Zagrabiensi provenientes . . . Podobe Hrvatskih Hrastovah okoline Zagrebačke, *&c. pp. 24 . 10 pls.* 8⁰. *u Zagrebu*, 1883.

Vukotinović (L.) & **Schlosser Klekovski** (J. C.) Syllabus Floræ Croaticæ, *&c. See* SCHLOSSER (J. C.) & VUKOTINOVIĆ (L.) 12⁰. 1857.

Vukotinović (L.) & **Schlosser Klekovski** (J. C.) Flora Croatica, *&c. See* SCHLOSSER (J. C.) & VUKOTINOVIĆ (L.) 8⁰. 1869.

VUL'F (GHEORGHIĬ VĪKTOROVĪCH)
O sposobakh nachertaniya ī vuichīsleniya krīstallovprīmyenītel'no k īzmyereniyam pomoshch'yu teodolītnagho ghoniometra. [On a method of delineating a crystal plane by measurement with a theodolite goniometer.] *pp. 29 : text illust.*
O tochnostī zakonov gheometrīcheskoĭ krīstalloghrafiī. [On the exact laws of geometrical crystallography.] *pp. 64 : text illust.*
See WARSAW.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ ī Trudui . . . Otdyeleniya Fīzīkī ī Khīmiī. Ghod. XII–XIII. 8⁰. 1906.

VULPIAN (EDME FÉLIX ALFRED) [1826–1887] Leçons sur la physiologie générale et comparée du Système Nerveux faites au Museum d'Histoire Naturelle . . . rédigées par M. E. Brémond, *&c. pp. [ii,] 920.* 8⁰. *Paris, &c.*, 1866.

VULPIUS (JOHANNES HENRICUS) Ex historia naturali disputationem publicam de Piscibus fossilibus atque volatilibus . . . exhibebit responsurus J. H. Vulpius, *&c. See* VOIGT (G.) 4⁰. [1667.]

VUYCK (L.) Flora Batava . . . Met medewerking van L. Vuyck. Afl. 320→ *See* KOPS (J.) 8⁰. & 4⁰. 1897→
Aflev. 357→ are published in 4to.

VYESTNĪK ESTESTVOZNANIYA.
Izdanie . . . pod redaktzieĭ F. V. Ovsyannīkova.—Revue des Sciences naturelles, *&c.* 1890–93.† 4 Vol. *See* ST. PETERSBURG.—SANCT-PETERBURGHSKOE OBSHCHESTVA ESTESTVOĪSPUITATELEĬ. 8⁰. 1890–93.

W * * (CHR. FR. V.) Allgemeine historisch-physiologische Naturgeschichte der Gewächse . . . von C. F. v. W * * [*i.e.* C. F. von Welling], *&c. pp. [xii,] 332 : 36 pls.* 8⁰. *Gotha*, 1791.

W., A. Der Eisenmeteorit von Rittersgrün im Sächsischen Erzgebirge. [By A. W., *i.e.* A. Weisbach.] *pp. 5 : 1 pl.* 4⁰. *Freiberg*, 1876.

W., F. Observations on Dr. F. his Book of Meteors. *See* F., W. Meteors, *&c.* 12⁰. 1670.

W., G. A Catalogue of the Ferns indigenous to Ceylon, according to the nomenclature of the "Synopsis Filicum" of Hooker and Baker. With notes by G. W. [*i.e.* G. Wall]. *pp. [20,] 12.* 4⁰. *London*, 1873.

W., H. C. Wild Flowers of Switzerland; or, a year amongst the Flowers of the Alps. By H. C. W. [*i.e.* H. C. Ward.] *pp. vi, 76 . 16 pls.* fol. *London*, 1883.

W., J., *Gent.* Systema Agriculturæ, the mystery of Husbandry discovered . . . To which is added, Kalendarium Rusticum; or, the husbandmans monethly directions . . and Dictionarium Rusticum: or, the interpretation of rustick terms. Published . . . by J. W., Gent [*i.e.* J. Worlidge]. *pp. [xxviii,] 278 [6] : text illust., engr. title.* 4⁰. *London*, 1669.
The engraved title bears the date 1668.

W., M. The Mosqueto Indian and his golden river, being a . . . description of the Musqueto Kingdom in America, *&c.* [1699.] *See* CHURCHILL (A.) & (J.) A Collection of Voyages, *&c.* Vol. VI. fol. 1732.

W., S. D. The Fishes (Pisces) of Britain systematically arranged. 8⁰. [*London & Birmingham*, 1836.]
The Analyst. Vol. V, *pp. 204–215.*

W., W. An examination of Dr. Woodward's Account of the Deluge . . . With a letter . . . concerning an abstract of A. Scilla's book on the same subject . . . By W. W. [*i.e.* W. Wotton.] *See* ARBUTHNOT (J.) 8⁰. 1697.

WAAGEN (LUKAS) [1877–] Die Lamellibranchiaten der Pachycardientuffe der Seiser Alm nebst vergleichend paläontologischen und phylogenetischen Studien . . . Als Fortsetzung (II. Teil) zu: A. Bittner, Lamellibranchiaten der alpinen Trias. [*q.v.*] *pp. 180 : pls. xxv–xxxiv : text illust. See* AUSTRIA-HUNGARY.—KAISERLICH-KOENIGLICHE GEOLOGISCHE REICHSANSTALT. Abhandlungen, *&c.* Bd. XVIII, hft. 2. 4⁰. 1907.

WAAGEN (WILHELM HEINRICH) [1841–1900] Der Jura in Franken, Schwaben und der Schweiz verglichen nach seinen palaeontologischen Horizonten. *pp. iv, 234, 3 tabs. : text illust.* 8⁰. *München, &c.*, 1864.
Large paper reprint from the "Württemb. naturw. Jahresh." Jahrg. XIX, 1863.

Waagen (W. H.) Versuch einer allgemeinen Classification der Schichten des oberen Jura. *pp. 29.* 8⁰. *München*, 1865.

Waagen (W. H.) Über die Zone des *Ammonites transversarius*, von . . . A. Oppel . . Beendet und herausgegeben von . . . W. Waagen. *pp. 112, 1 tab. : text illust. See* GEOGNOSTISCH-PALAEONTOLOGISCHE BEITRAEGE, *&c.* Bd. I, hft. 2. 8⁰. 1866.

Waagen (W. H.) Über die Zone des *Ammonites Sowerbyi. pp. 159 : 11 pls. See* GEOGNOSTISCH-PALAEONTOLOGISCHE BEITRAEGE. Bd. I, hft. 3. 8⁰. 1867.

Waagen (W. H.) Die Formenreihe des *Ammonites subradiatus.* Versuch einer paläontologischen Monographie. *pp. 78 : 5 pls. See* GEOGNOSTISCH-PALAEONTOLOGISCHE BEITRAEGE. Bd. II, hft. 2. 8⁰. 1869.

Waagen (W. H.) [The Jurassic Cephalopoda of Kutch]. *pp. 247 : 60 pls. See* INDIA.—*Geological Survey.* Memoirs . . . Palæontologia Indica, *&c.* Series IX. Jurassic Fauna of Kutch. Vol. I. 4⁰. 1873–75 [–76].

Waagen (W. H.) Ueber die geographische Vertheilung der fossilen Organismen in Indien. *pp. 28 : 1 map geol. col.* 4⁰. *Wien*, 1878.
Denkschr. k. Akad. Wissensch. Wien. Bd. XXXIX, 1879.

Waagen (W. H.) Salt-Range Fossils. Vol. I; II, pt. I; & IV, pt. 1 & 2.† *See* INDIA.—*Geological Survey.* Memoirs . . . Palæontologia Indica, *&c.* Ser. XIII. 4⁰. 1879–95.

Waagen (W. H.) Classe des Echinodermes. Ordre des Cystidées. *See* BARRANDE (J.) Systême Silurien du Centre de la Bohême, *&c.* Vol. VII. 4⁰. 1887.

Waagen (W. H.) Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients . . . Herausgegeben . . . von W. Waagen. Bd. IX–XII. *See* VIENNA. —KAISERLICH-KOENIGLICHE UNIVERSITAET. 4⁰. (1894–) 1895–1900.

Waagen (W. H.) & **Jahn** (J. J.) [Silurian Crinoidea of Bohemia.] *See* BARRANDE (J.) Systême Silurien, *&c.* Tom. VII, pt. 2. 4⁰. 1899.

WAARDENBURG (HENRICUS GULIELMUS) H. G. Waardenburg . . . Commentatio ad quæstionem . . Quæritur historia naturalis animalium Molluscorum regno Belgico indigenorum, *&c.* *pp. 59.* *See* LEYDEN. —RIJKS-UNIVERSITEIT. Annales Academiæ Lugduno-Batava, *&c.* 1826–7. 4⁰. 1828.

WACHENDORFF (EVERARDUS JACOBUS VAN) [1702–1758] Horti Ultraiectini index. *pp.* [*xiv,*] *xxx, 394* [*24*]. 8⁰. *Traiecti ad Rhenum,* 1747.

Wachendorff (E. J. VAN) Wachendorfia, *&c.* *See* BURMANNUS (J.) fol. 1757.

—— [Another edition.] 4⁰. 1771.

WACHSMUTH (CHARLES) [1829–1896] On a new genus and species of Blastoids, with observations upon the structure of the basal plates in *Codaster* and *Pentremites.* *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VII, pt. 2, sect. 3. 8⁰. 1883.

Wachsmuth (C.) [Fossil Crinoidea and Blastoidea, revised and annotated by C. Wachsmuth.] *See* ZITTEL (K. A. VON) Text-Book of Palæontology . . . English edition, *&c.* Vol. I, pt. 1. 8⁰. 1896.

—— [Another issue.] 8⁰. 1900.

Wachsmuth (C.) & **Barris** (W. H.) Description of fossil Invertebrates [Palæocrinoidea, of Illinois]. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VII, pt. 2, sect. 3. 8⁰. 1883.

Wachsmuth (C.) & **Springer** (F.) Revision of the Palæocrinoidea, *&c.* 4 Pt. *illust.* 8⁰. *Philadelphia,* 1879–86.
Proc. Acad. Nat. Sci. Philadelphia. 1879–86.

Wachsmuth (C.) & **Springer** (F.) New species of Crinoids and Blastoids from the Kinderhook group of the Lower Carboniferous Rocks at Le Grand, Iowa; and a new genus from the Niagara group of Western Tennessee. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VIII, pt. 2, sect. 2. 4⁰. 1890.

Wachsmuth (C.) & **Springer** (F.) The North American Crinoidea Camerata. 2 Vol. & Atlas. *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XX & XXI. 4⁰. 1897.

WACHTL (FRIEDRICH A.) [1840?–1913] *See* WIENER ENTOMOLOGISCHE ZEITUNG. Herausgegeben und redigirt von . . . F. Wachtl. Jahrg. I–XIX. 8⁰. 1882–1900.

Wachtl (FRIEDRICH A.) Die Weisstannen-Triebwickler *Tortrix murinana,* Hübner, *Steganoptycha rufimitrana,* Herrich-Schaeffer, und ihr Auftreten in den Forsten von Nieder-Oesterreich, Mähren und Schlesien während des letztabgelaufenen Decenniums. *pp. vii, 66, 5 tabs.: 12 pls.* (*col.*) 4⁰. *Wien,* 1882.
Mittheil. Forstlich. Versuchswesen Oesterreichs.

WACHTL (FRITZ) *See* WACHTL (FRIEDRICH A.)

WAD (GREGERS) [1755–1832] Tabulæ synopticæ terminorum systematis Oryctognostici Werneriani, Latine, Danice et Germanice. *pp. 26.* 4⁰. *Hafniæ,* 1798.

WADA (TSUNASHIRŌ) [1856–] Minerals of Japan . . . Translated by T. Ogawa. *pp. vii, 114: 35 pls., text illust.* 8⁰. *Tōkyō,* 1904.

Wada (T.) Die Schmuck- und Edelsteine bei den Chinesen. *pp. 16: 6 pls.* (*col.*) 8⁰. *Tōkyō,* 1904.
Mitteil. Deutsch. Gesell. Ostasiens. Bd. X.

WADDELL (COSSLETT HERBERT) [1858–] Moss Exchange Club Catalogue of British Hepaticæ. Compiled by . . . C. H. Waddell. *See* MOSS EXCHANGE CLUB. 8⁰. 1897.

Waddell (C. H.) & **Lett** (H. W.) A Census Catalogue of British Mosses . . . Ireland, by C. H. Waddell and Canon Lett, *&c.* *See* MOSS EXCHANGE CLUB. 8⁰. 1907.

WADDELL (LAURENCE AUSTIN) [1854–] A list of Sikhim Birds showing their geographical distribution. *See* BENGAL. The Gazetteer of Sikhim, *&c.* 8⁰. 1894.

WADDY (EDITH) A year with the Wild Flowers. A Popular Introduction to the study of English Botany. *pp. viii, 151: 12 pls.* (*col.*), *text illust.* 8⁰. *London* [1873].

WADE (JAMES) Systematic Zoology. Grammar and synopsis of Natural History, *&c.* *18 pp.* fol. *Leeds,* 1842.

WADE (WALTER) [–1825] Catalogus systematicus Plantarum indigenarum in comitatu Dublinensi inventarum. Pt. 1.† *pp. viii, 275* (*30*). 8⁰. *Dublin,* 1794.

Wade (W.) De Buddlea globosa, et Holco odorato: or observations on the round headed *Buddlea* and sweet scented *Holcus, &c.* *pp. 15: 2 pls. col.* 4⁰. *Dublin,* 1804.
The text was reprinted as a supplement to the author's "Plantæ rariores in Hibernia inventæ" in the Trans. Dublin Soc. Vol. IV.

Wade (W.) Plantæ rariores in Hibernia inventæ; or Habitats of some Plants, rather scarce and valuable, found in Ireland; with . . . remarks on the properties and uses of many of them. (De Buddlea globosa, *&c.* —De Holco odorato, *&c.*) *pp. xiv, 230.* *See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. IV. 8⁰. 1804.
The "Plantæ Rariores" was also issued as an independent publication, with one plate (*Buxbaumia aphylla*).
The "De Buddlea globosa" and "De Holco odorato" were originally issued as a quarto tract illustrated by two plates.

Wade (W.) *Quercus,* or Oaks: from the French of [André] Michaux . . . with notes and an appendix. By W. Wade. *pp. xxxi* [*vii,*] *85.* *See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. VI. 8⁰. 1808.

Wade (W.) Sketch of Lectures on Artificial or Sown Grasses, as Lucern, Saint-Foin, Clovers, Trefoils, Vetches, *&c.* *pp. 51.* *See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. VI. 8⁰. 1808.

Wade (W.) Sketch of Lectures on Meadow and Pasture Grasses, *&c.* *pp. 55.* *See* ROYAL DUBLIN SOCIETY. Transactions, *&c.* Vol. VI. 8⁰. 1808.

Wade (W.) Salices, or an essay towards a general history of Sallows, Willows and Osiers, their uses, *&c. pp. xxii, 406, 56 : 1 pl. col.* 8⁰. *Dublin*, 1811.

WADHAM (Percy) [Fishes, Amphibians, Reptiles and Mammals of the Isle of Wight.] *See* Morey (F.) A Guide to the Natural History of the Isle of Wight, *&c.* 8⁰. 1909.

WADSBERG (Andreas Magnus) De Vegetabilibus Svecanis observationes et experimenta quorum sectionis prioris partem primam . . . proponunt A. Afzelius . . . et A. M. Wadsberg. *See* Afzelius (A.) 8⁰. [1785.]

WADSTEIN (L. A.) Aphorismi Botanici . . . p. p. L. A. Wadstein, *&c.* Pt. xiv. *See* Agardh (C. A.) 8⁰. [1824.]

WADSWORTH (Marsham Edward) [1847-] Report on the Copper Falls Mine, Keweenaw Co., Michigan. *pp. 14.* 8⁰. *Boston* [*Mass.*], 1879.

Wadsworth (M. E.) Descriptive Catalogue of one hundred thin sections of American and foreign Rocks, *&c. pp. 20.* 8⁰. *Boston* [*Mass.*, 1883].

Wadsworth (M. E.) Lithological Studies. A description and classification of the Rocks of the Cordilleras. *pp. xvi, 208, xxxiii : 8 pls. col. See* Cambridge, *Mass.*—harvard university.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. xi, pt. i. 4⁰. 1884.

Wadsworth (M. E.) Methods of Instruction in Mineralogy. 8⁰. [*New York*, 1884.]
Pop. Sci. Monthly. Vol. xxiv, pp. 754-759.

Wadsworth (M. E.) Preliminary description of the Peridotytes, Gabbros, Diabases and Andesytes of Minnesota. *pp. ix, 158 : 12 pls. col. See* Minnesota, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 2. 8⁰. 1887.

Wadsworth (M. E.) Crystallography : an elementary manual for the laboratory. *pp. xvi, 20, 299 : 25 pls.* 8⁰. *Philadelphia*, 1909.

Wadsworth (M. E.) A paper on the Michigan Mining School, *&c. pp. 14.* 8⁰. *Lansing*, 1894.

Wadsworth (M. E.) [For official Reports as Director] *See* Houghton.—michigan mining school.

WAECHTER ( ) Ueber die Lagerstellen fossiler Thierknochen, vorzüglich im Königreiche Hannover und Herzogthume Braunschweig. 4⁰. [*Hannover*,] 1835.
Hannov. Mag. No. 65-70.

WAECHTER (J. K.) [-1846] Ueber die Reproduktionskraft der Gewächse insbesondere der Holzpflanzen. Ein Beitrag zur Pflanzenphysiologie mit Anwendung auf Forst- und Landwirthschaft und auf Gartenbaukunst. *pp. iv, 202.* 8⁰. *Hannover*, 1840.

WAEHNER (Franz) [1856-] Das Sonnwendgebirge im Unterinnthal. Ein Typus Alpinen Gebirgsbaues, *&c.* Thl. i.† *pp. xii, 356 : 19 pls. (col.), 1 map, text illust.* 4⁰. *Leipzig & Wien*, 1903.

WAENERBERG (Sveno) De systematibus vegetabilium, qua ratione œconomicæ scientiæ profuerint. Dissertatio cujus tentamen primum . . . subjiciunt . . . J. H. Wallman . . . et S. Wænerberg, *&c. See* Wallman (J. H.) 4⁰. 1815.

WAENTIG (P.) & **Steche** (O.) Untersuchungen über die biologische Bedeutung und die Kinetik der Katalase. *pp. 59, 1 tab. See* Zoologica, *&c.* Bd. xxvi, hft. 67 [no. 13]. 4⁰. 1913.

WAFER (Lionel) [*c.* 1660-*c.* 1705] A new voyage and description of the isthmus of America. Giving an account of the author's abode there, the form and make of the country . . . Trees, Fruit, Beasts, Birds, Fish, *&c.* . . . Third edition . . . To which are added the natural history of those parts, by a Fellow of the Royal Society : and Davis's expedition to the Gold Mines in 1702. *See* Voyages. A Collection of Voyages, *&c.* Vol. iii. 8⁰. 1729.
The first edition appeared in 1699.

Wafer (L.) Voyage to Magellanica. *See* Callander (J.) Terra Australis cognita, *&c.* Vol. ii. 8⁰. 1768.

WAGA (Antoni) [1799 ?-1890] Ukaziciel Polskich nazwisk na rodzaje królestwa Roślinnego, ułożony abecadłowo najprzód od Łacińskich do Polskich, a powtóre od Polskich do Łacińskich, *&c.* [Alphabetical index of Polish Plant Names : Latin-Polish & Polish-Latin.] *pp. xxx, 336.* 8⁰. [*Warsaw ?* 1846 ?]

WAGA (Jacobo) [1800-1872] Flora Polska, *&c.*—Flora Polonica Phanerogama sive descriptiones Plantarum Phanerogamicarum in regno Poloniæ, *&c.* 2 Tom. 8⁰. *Warszawa*, 1847-48.

WAGENER (Guido Richard) Beiträge zur Entwicklungs Geschichte der Eingeweidewürmer, *&c. pp. 112 : 37 pls. col. See* Haarlem.—hollandsche maatschappij der wetenschappen. Natuurkundige Verhandelingen, *&c.* Verz. II, deel xiii. 4⁰. 1857.

WAGENER (Gustav) Der Waldbau und seine Fortbildung. *pp. viii, 579.* 8⁰. *Stuttgart*, 1884.

WAGHORNE (Arthur Charles) [-1900] A summary account of the Wild Berries and other Edible Fruits of Newfoundland and Labrador. *pp. 11.* 8⁰. *St. John's, Newfoundland*, 1888.

WAGLER (Erich) Faunistische und biologische Studien an freischwimmenden Cladoceren Sachsens. *pp. 62 : 1 pl., text illust. See* Zoologica, *&c.* Bd. xxvi, hft. 67 [no. 11]. 4⁰. 1913.

WAGLER (Johann Georg) [1800-1832] Serpentum Brasiliensium species novæ . . . Publiée par J. de Spix . . . écrite, d'après les notes du voyageur, par J. Wagler. *See* Spix (J. B. von). 4⁰. 1824.

Wagler (J. G.) Systema Avium. Pars i.† [*pp.* 408.] 8⁰. *Stuttgartiæ & Tubingæ*, 1827.
Printed, except the introductory portion, in double column.

Wagler (J. G.) Descriptiones et Icones Amphibiorum. 3 Pt. *36 pls. col., with descriptive letterpress.* fol. *Monachii, &c.*, [1828-] 1833.

Wagler (J. G.) Natürliches System der Amphibien, mit vorangehender Classification der Säugthiere und Vögel, *&c. pp. vi, 354 : 9 pls.* 8⁰. & fol. *München, &c.*, 1830.

Wagler (J. G.) [The genera *Falco, Pyrrhocorax*, and *Sterna*, edited by J. G. Wagler.] *See* Sturm (J.) Deutschlands Fauna, *&c.* Abth. ii, hft. 3. 8⁰. 1834.

Wagler (J. G.) Monographia Psittacorum. *pp. 288.* 4⁰. *München*, 1835.
Denkschr. k. Bayer. Akad. Wissensch. München. Bd. i, 1832.

Wagler (J. G.) Wagler's Six Ornithological Memoirs from the 'Isis.' Edited by P. L. Sclater. *See* Willughby Society. 8⁰. 1884.

WAGNER ( ) *Berginspector in Wettin.* Das Vorkommen von Steinkohlen in der Preussischen Provinz Sachsen bei den Städten Wettin und Löbejün, in Saalkreise und dem Dorfe Plötz im Bitterfelder Kreise, Regierungsbezirk Merseburg, Oberbergamts-Distrikt Halle a/S. *See* GEINITZ (H. B.) *& others.* Die Steinkohlen Deutschland's, *&c.* Cap. IV, 1. 4⁰. 1865.

WAGNER (ALBERTUS) [1827–1871] De Spatulariarum anatome. Dissertatio inauguralis, *&c. pp. 18 : 1 pl.* 4⁰. *Berolini*, 1848.

WAGNER (ANDREAS or ANDREAS JOHANN) *See* WAGNER (JOHANN A.)

WAGNER (ANTON J.) Die Familie der Helicinidæ. Neue Folge. *See* MARTINI (F. H. W.) Systematisches Conchylien Cabinet, *&c.* Bd. I, abth. 18. 4⁰. 1907–11.

WAGNER (CAROLUS CHRISTIANUS) De vasis Plantarum spiralibus . . . respondente C. C. Wagnero, *&c. See* REICHEL (G. C.) 4⁰. [1758.]

WAGNER (DANIEL) [1800–] Pharmaceutisch-medicinische Botanik, oder Beschreibung und Abbildung aller in der K. K. Oesterreichischen Pharmacopoe vom Jahre 1820 vorkommenden Arzneypflanzen, *&c. 249 pls. col., with descriptive letterpress.* 2 Bd. fol. *Wien*, 1828–29.

WAGNER (FRANZ VON) Das Nervensystem von *Myzostoma* (F. S. Leuckart). *pp. 52 : 1 pl.* 8⁰. *Graz*, 1886.

Wagner (F. VON) Turbellaria . . . von L. von Graff . . . Mit Beiträgen von . . . F. von Wagner, *&c. See* BRONN (H. G.) Die Klassen und Ordnungen des Thier-Reichs, *&c.* Bd. IV, Vermes : Abth. I.c. Turbellaria I. 8⁰. 1904–1908.

Wagner (F. VON) & **Friese** (H. F.) Ueber die Hummeln als Zeugen natürlicher Formenbildung. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰. 1904.

WAGNER (GEORG) Stylolithen und Drucksuturen. *pp. 30 : 3 pls., text illust. See* PALÆONTOLOGISCHE ABHANDLUNGEN. Geologische und palæontologische Abhandlungen, *&c.* Bd. XV, hft. 2. 4⁰. 1913.

Wagner (G.) Beiträge zur Stratigraphie und Bildungsgeschichte des oberen Hauptmuschelkalks und der unteren Lettenkohle in Franken. *See* PALÆONTOLOGISCHE ABHANDLUNGEN. Geologische und Palæontologische Abhandlungen, *&c.* Bd. XVI, hft. 3. 4⁰. 1913.

WAGNER (HANS) Curculionidæ : Apioninæ. *pp. 81. See* SCHENKLING (S.) Coleopterorum Catalogus, *&c.* Pt. 6. 8⁰. 1910.

Wagner (HANS) [Apioninæ from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru . . . 1905–1906, *&c.* Bd. I. Coleoptera, no. 9. 4⁰. 1910.

Wagner (HANS) Fam. Curculionidæ ; subfam. Apioninæ. *pp. 109 : 5 pls. (col.), 2 maps col. See* WYTSMAN (P. A. G.) Genera Insectorum, *&c.* Fasc. 130. Coleoptera. 4⁰. 1912.

WAGNER (HANS KARL HERMANN) [1840–] *See* GEOGRAPHISCHES JAHRBUCH . . Herausgegeben von H. Wagner, *&c.* Bd. VIII–XI. 8⁰. 1881–87.

Wagner (HANS K. H.) & **Behm** (E. A.) Die Bevölkerung der Erde. Jährliche Uebersicht, *&c.* No. I–VII. *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. VII—XV, no. 33, 35, 41, 49, 55, 62. 4⁰. 1872–82.

Wagner (HANS K. H.) & **Supan** (A.) Die Bevölkerung der Erde. Periodische Uebersicht, *&c.* No. VIII & IX. *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXII & XXIII, no. 101 & 107. 4⁰. 1891, 1893.

WAGNER (HERMANN) *Botanist.* Führer ins Reich der Cryptogamen, *&c.* 5 Pt. [in 1 Vol.] *illust.* 8⁰. *Bielefeld*, 1853–54.

Pt. I is of the third, and pt. II of the second edition ; they first appeared in 1852.

Wagner (HERMANN) *Botanist.* Pflanzenkunde für Schulen. Dritter Cursus : Die Pflanzendecke der Erde in pflanzengeographischen Bildern und Schilderungen dargestellt, *&c. pp. [iv,] 464.* 8⁰. *Bielefeld*, 1857.

Wanting Cursus 1 and 2, published in 1854 and 1855 respectively.

—— Zweiter Cursus : Das natürliche Pflanzensystem, an 36 Deutsche Pflanzenarten angeschlossen. Sechste . . . Auflage, *&c. pp. x, 270 : text illust.* 8⁰. *Bielefeld & Leipzig*, 1879.

—— Erster Kursus : Das Leben, die Entwicklung und der Bau der Pflanze . . . achte Auflage, *&c. pp. vi, [i,] 128 : text illust.* 8⁰. *Bielefeld & Leipzig*, 1883.

Wagner (HERMANN) *Botanist.* Illustrirte Deutsche Flora. Eine Beschreibung der in Deutschland und der Schweiz einheimischen Blüthenpflanzen und Gefässcryptogamen. *pp. lxviii, 939.* 8⁰. *Stuttgart*, 1871.

—— Zweite Auflage bearbeitet . . . von A. Garcke. *pp. lxxx, 914.* 8⁰. *Stuttgart*, 1882.

WAGNER (HERMANN) *Geographer. See* WAGNER (HANS K. H.)

WAGNER (JÁNOS) A Magyarországi Centaureák ismertetése. (Centaureæ Hungariæ.) *pp. 183 : 10 pls., text illust. See* BUDAPEST. — MAGYAR TUDOMÁNYOS AKADÉMIA. Mathematikai és Természettudományi Közlemények, *&c.* Köt. XXX, szám 6. 8⁰. 1910.

WAGNER (JOHANN) [1833–1892] De partibus Mammalium os temporum constituentibus. Dissertatio inauguralis, *&c. pp. 55 : 1 pl.* 8⁰. *Dorpati Livonorum*, 1858.

WAGNER (JOHANN ANDREAS) [1797–1861] Testacea fluviatilia quæ in itinere per Brasiliam annis 1817–20 . . . suscepto . . . digessit, descripsit et observationibus illustravit . . . J. A. Wagner, *&c. See* SPIX (J. B. VON) fol. 1827.

Wagner (JOHANN A.) Neues systematisches Conchylien-Cabinet . . . fortgesetzt von . . . J. A. Wagner. Bd. XII, abth. 1. *See* MARTINI (F. H. W.) 4⁰. 1829.

Wagner (JOHANN A.) Die Säugthiere in Abbildungen nach der Natur mit Beschreibungen . . . Fortgesetzt von J. A. Wagner. Thl. VI, VII (& Supptbd. 5 Abth.) *See* SCHREBER (J. C. D. VON). 4⁰. 1834–55.

Wagner (JOHANN A.) Traité de Physiologie . . . avec des additions de MM. . . . Baer . . . Wagner, *&c.* 9 Tom. *See* BURDACH (C. F.) 8⁰. 1837–41.

Wagner (JOHANN A.) Beiträge zur Kenntniss der Algierschen Säugethiere. *See* WAGNER (M. F.) Reisen in . . . Algier in . . . 1836–38, *&c.* Bd. III. 8⁰. 1841.

Wagner (JOHANN A.) Beiträge zur Säugthier-Fauna von Kaschmir. *See* HUEGEL (C. A. A. VON) *Baron.* Kaschmir, *&c.* Bd. IV, abth. 2. 8⁰. 1844.

Wagner (Johann A.) Geschichte der Urwelt, mit besonderer Berücksichtigung der Menschenrassen und des Mosaischen Schöpfungsberichtes. 2 Abth. *pp. xviii, 578.* 8⁰. *Leipzig*, [1844-] 1845.

—— Zweite . . . Auflage, *&c.* 2 Thl. *illust.* 8⁰. *Leipzig*, 1857, 58.

Abweisung der von . . . H. Burmeister zu Gunsten des geologisch-vulkanistischen Fortschrittes und zu Ungunsten der Mosaischen Schöpfungsurkunden vorgebrachten Behauptungen . . . Ein Nachtrag zu meiner Geschichte der Urwelt. *pp. 48.* 8⁰. *Leipzig*, 1845.

Wagner (Johann A.) Progress of Zoology, *&c.* (Mammalia.—Birds.) *See* Ray Society. Reports on the progress of Zoology and Botany 1841, 1842 (-1843, 44). 8⁰. 1845, 47.

Wagner (Johann A.) Die fossilen Ueberreste gavialartiger Saurier aus der Lias-Formation in der K. Palaeontologischen Sammlung zu München. 4⁰. [*Munich*, 1850.]

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. v, abth. 3, *pp. 513-606 : 8 pls. (2 col.)*

Wagner (Johann A.) Beiträge zur Kenntniss der in den lithographischen Schiefern abgelagerten urweltlichen Fische. *pp. 79 : 4 pls.* 4⁰. [*Munich*, 1851.]

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. vi, abth. 1.

Wagner (Johann A.) Charakteristik der in den Höhlen um Muggendorf aufgefundenen urweltlichen Säugthier-Arten. *pp. 72 : 1 pl.* 4⁰. *München*, 1851.

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. vi, abth. 1.

Wagner (Johann A.) Beiträge zur Unterscheidung der im Süddeutschen Lias vorkommenden Arten von *Ichthyosaurus. pp. 56 : 1 pl.* 4⁰. *München*, 1851.

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. ii, abth. 2.

Wagner (Johann A.) Neue Beiträge zur Kenntniss der fossilen Säugthier-Ueberreste von Pikermi. *pp. 50 : 8 pls.* 4⁰. *München*, 1857.

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. viii, abth. 1.
The original paper by J. R. Roth and J. A. Wagner appeared in the preceding volume.

Wagner (Johann A.) Neue Beiträge zur Kenntniss der Urweltlichen Fauna des lithographischen Schiefers. 2 Abth. *illust.* 4⁰. *München*, 1858, 61.

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. viii, abth. 2 ; ix, 1.

Wagner (Johann A.) Monographie der fossilen Fische aus den lithographischen Schiefern Bayerns. 2 Abth. *illust.* 4⁰. *München*, 1861, 63.

Abhandl. k. Bayer. Akad. Wissensch. München. Bd. ix, abth. 2 (1862) & 3 (1863).

Wagner (Johann A.) Denkrede auf J. A. Wagner, *&c.* *See* Martius (C. F. P. von). 4⁰. 1862.

Wagner (Johann A.) & **Roth** (J. R.) Die fossilen Knochen-Ueberreste von Pickermi in Griechenland, *&c.* *See* Roth (J. R.) & Wagner (J. A.) 4⁰. 1854.

Further contributions were published by Wagner in 1857.

WAGNER (Johann Jacob) [1641-1695] Historia naturalis Helvetiæ curiosa, in vii sectiones compendiose digesta. *pp.* [*xxiv,*] *390* [*28*]. 12⁰. *Tiguri*, 1680.

WAGNER (Johann Rudolph von) [1822-1880] Bericht über die neuesten Fortschritte in der Chemie, Physik und Mineralogie . . . Ergänzungen, *&c.* *See* August (E. F.) *& others.* Handwörterbuch der Chemie und Physik, *&c.* Bd. iii. 8⁰. 1850.

Wagner (Johann R. von) **& others.** Handwörterbuch der Chemie und Physik. Von . . . R. Wagner, *&c.* *See* August (E. F.) *& others.* 8⁰. 1850.

WAGNER (Joseph Friedrich) Notizen über die Mineralien-Sammlung . . . des . . . Drs. A. von Crichton, *&c. pp. v, 134 : 19 pls.* 4⁰. *Moskau*, 1818.

WAGNER (Moritz Friedrich) [1813-1887] Reisen in der Regentschaft Algier in den Jahren 1836-38 . . . Nebst einem naturhistorischen Anhang, *&c.* 3 Bd. & Atlas. 8⁰. & 4⁰. *Leipzig*, 1841.

Bd. iii has a second title, reading : "Bruchstücke zu einer Fauna der Berberei, &c.," and contains :—

Beiträge zur Kenntnis der . . . Säugethiere. Von . . . A. Wagner, *&c.*
Einige Bemerkungen über die kleineren . . Säugethiere. Von H. Nathusius, *&c.*
Bemerkungen über das Vorkommen und die Lebensweise der . . . Säugethiere. Von M. Wagner.
Bemerkungen über den anatomischen Bau von *Macroscelides Rozeti.* Von R. Wagner, *&c.*
Bemerkungen über die Verbreitung und Lebensweise der Vögel der Berberei. Von M. Wagner.
Bemerkungen über die . . . Amphibien. Von H. Schlegel.
Ueber die Insecten . . . mit besonderer Berücksichtigung ihrer geographischen Verbreitung. Von W. F. Erichson.
Ueber die Schmetterlinge . . . mit besonderer Berücksichtigung ihrer geographischen Verbreitung. Von M. Wagner.
Arachniden und Myriapoden . . . Bearbeitet vom Forstrath Koch, *&c.*
Ueber die geographische Verbreitung der Europäischen Land- und Süsswassermollusken, mit besonderer Berücksichtigung der in . . . Algier gesammelten Arten. Von E. A. Rossmaassler, *&c.*
Nachträgliche Bemerkungen über die Landmollusken Algeriens. Von M. Wagner.
Beiträge zur Anatomie der Helicinen, mit besonderer Berücksichtigung der Nordafrikanischen und Süd-europäischen Arten. Von M. Erdl.
Ueber die Asselartigen Thiere (*Oniscoda*, Latr.) . . . Von J. F. Brandt, *&c.*
Ueber die . . . Myriapoden. Von J. F. Brandt.
Anhang. Ueber die physischen Eigenthümlichkeiten der Völkerschaften in Algerien. Von M. Wagner, mit einigen nachträglichen Bemerkungen, von R. Wagner.

Wagner (M. F.) Reise nach dem Ararat und dem Hochland Armenien . . . Mit einem Anhange : Beiträge zur Naturgeschichte des Hochlandes Armenien. *pp. x, 331.* 8⁰. *Stuttgart & Tübingen*, 1848.

Wagner (M. F.) Reise nach Kolchis und nach den Deutschen Colonien jenseits des Kaukasus. Mit Beiträgen zur Völkerkunde und Naturgeschichte Transkaukasiens. *pp. 341.* 8⁰. *Leipzig*, 1850.

Wagner (M. F.)
[Reise nach Persien, *&c.* 2 Bd. 8⁰. *Leipzig*, 1852.]

Wanting.

Travels in Persia, Georgia and Koordistan ; with sketches of the Cossacks and the Caucasus. From the German, *&c.* 3 Vol. 8⁰. *London*, 1856

Wagner (M. F.) Beiträge zu einer physisch-geographischen Skizze des Isthmus von Panama, *&c. pp. 25 : 1 map. See* Petermanns Mittheilungen, *&c.* Ergänzbd. i, no. 5. 4⁰. 1861.

Wagner (M. F.) Naturwissenschaftliche Reisen im tropischen Amerika, *&c. pp. xxiv, 632.* 8⁰. *Stuttgart*, 1870.

Wagner (M. F.) Die Entstehung der Arten durch räumliche Sonderung. Gesammelte Aufsätze von M. Wagner . . . herausgegeben von [his nephew] . . M. Wagner. (Biographische Skizze von . . . K. von Scherzer.) *pp. 667.* 8⁰. *Basel*, 1889.

Wagner (M. F.) & **Scherzer** (C. H. von) Die Republik Costa-Rica in Central-America . . . Reisestudien . . . aus . . . 1853 und 1854. *pp. xvi, 578 : 1 map.* 8⁰. *Leipzig*, 1856.

WAGNER (Nicolas) [1828 ?-1907] Die Wirbellosen des Weissen Meeres. Zoologische Forschungen an der Küste des Solowetzkischen Meerbusens in . . . 1877-82, *&c.* Bd. i.† *pp.* [*iv,*] *171 : 21 pls. (col.)* fol. *Leipzig*, 1885.

WAGNER (Paul Christian Ludovic) De Peucedano Germanico dissertatio inauguralis medico-botanica, quam . . . præside D. H. F. Delio . . . submittit autor, *&c. pp. 37.* 4⁰. *Erlangæ* [1753].

WAGNER (Percy Albert) Die Diamantführenden Gesteine Südafrikas, ihre Abbau und ihr Aufbereitung. *pp. xviii, 207 : 2 pls., text illust.* 8⁰. *Berlin*, 1909.

Wagner (Percy A.) The Diamond Fields of Southern Africa. *pp. xxxv [i], 347 : 36 pls., 2 maps, text illust.* 8⁰. *Johannesburg*, 1914.

WAGNER (Rudolph) *Chemist.*
See Wagner (Johann R. von).

WAGNER (Rudolph) *Physiologist* [1805–1864] Partium elementarium organorum, quæ sunt in Homine atque Animalibus, mensiones micrometricæ. Commentationem, *&c. pp. 16.* 4⁰. *Erlangæ*, 1834.

Wagner (Rudolph) *Physiologist.* [Lehrbuch der vergleichenden Anatomie. 2 Abth. 8⁰. *Leipzig*, 1834, 35.]
Wanting.

Lehrbuch der Zootomie . . . Zweite . . . Auflage des "Lehrbuchs der vergleichenden Anatomie." 2 Thl. [in 1.] 8⁰. *Leipzig*, 1843–47.
Thl. I. Lehrbuch der Anatomie der Wirbelthiere. Von R. Wagner. *pp. viii, 296.* 1843–44.
" II. —— Wirbellosen Thiere. Von H. Frey und R. Leuckart. *pp. viii, 626.* 1847.

Wagner (Rudolph) *Physiologist.* Elements of the comparative anatomy of the Vertebrate Animals . . edited from the German by A. Tulk. *pp. iv, 264.* 4⁰. *London*, 1845.

Wagner (Rudolph) *Physiologist.* Prodromus historiæ generationis Hominis atque Animalium, *&c. pp. 15 : 2 pls.* fol. *Lipsiæ*, 1836.

Wagner (Rudolph) *Physiologist.* Beiträge zur Anatomie der Vögel. 4⁰. [*Munich*, 1837.]
Abhandl. k. Bayer. Akad. Wissensch. München. Bd. II. *pp. 273–308 : 1 pl.*

Wagner (Rudolph) *Physiologist.* [Lehrbuch der Physiologie, *&c.* 2 Abth. 8⁰. *Leipzig*, 1839, 40.]
Wanting.

Elements of Physiology, . . . Translated from the German, with additions, by R. Willis. *pp. viii, vii, v, v, 700 : text illust.* 8⁰. *London*, 1844.

Wagner (Rudolph) *Physiologist.* R. Wagner Icones Physiologicæ. Tabulæ physiologiam et geneseos historiam illustrantes.—Erläuterungstafeln zur Physiologie und Entwickelungsgeschichte, *&c. pp. x, 81 : 30 pls.* 4⁰. *Lipsiæ*, 1839.
Printed in double column.

Neue Untersuchungen über den Bau und die Endigung der Nerven und die Struktur der Ganglien. Supplement zu den Icones Physiologicæ. [*pp. xviii :*] *1 pl.* 4⁰. *Leipzig*, 1847.

Wagner (Rudolph) *Physiologist.* Icones Zootomicæ. Handatlas zur vergleichenden Anatomie, nach fremden und eigenen Untersuchungen zusammengestellt. *pp. xvi, 44 [1] : 35 pls. (col.)* fol. *Leipzig*, 1841.

Wagner (Rudolph) *Physiologist.* Bemerkungen über den anatomischen Bau von *Macroscelides Rozeti.*—Anhang. Ueber die physischen Eigenthümlichkeiten der Völkerschaften in Algerien. Von M. Wagner, mit einigen nachträglichen Bemerkungen, von R. Wagner. *See* Wagner (M. F.) Reisen in . . . Algier in . . . 1836–38, *&c.* Bd. III. 8⁰. 1841.

Wagner (Rudolph) *Physiologist.* Ueber den Bau der *Pelagia noctiluca* und die Organisation der Medusen zugleich als Prodromus seines Zootomischen Handatlasses. [*pp. x :*] *1 pl. col.* fol. *Leipzig*, 1841.

Wagner (Rudolph) *Physiologist.* Handwörterbuch der Physiologie, mit Rücksicht auf physiologische Pathologie, *&c.* 4 Bd. [in 5.] 8⁰. *Braunschweig*, 1842–53.

Wagner (Rudolph) *Physiologist.* Zoologisch-anthropologische Untersuchungen . . . I. Die Forschungen über Hirn- und Schädelbildung des Menschen in ihrer Anwendung auf einige Probleme der allgemeinen Natur- und Geschichtswissenschaft. *pp. [vi,] 52.* 4⁰. *Göttingen*, 1861.
Abhandl. k. Gesell. Wissensch. Göttingen. Bd. IX.

Wagner (Rudolph) *Physiologist.* On the anthropological collection of the Physiological Institute of Göttingen. *See* Anthropological Society of London. Publications, *&c.* The anthropological treatises of J. F. Blumenbach, *&c.* 8⁰. 1865.

WAGNER (Wladimir, or Woldemar)
See Vaghner (Vladīmir Aleksandrovīch)

WAGNER FREE INSTITUTE OF SCIENCE OF PHILADELPHIA. [Founded 1855.]
Transactions, *&c.* Vol. I–VI *illust.* 8⁰. *Philadelphia*, 1887–99.

Wagner Free Institute of Science of Philadelphia.
Republication of Conrad's Fossils of the Medial Tertiary of the United States, *&c. See* Conrad (T. A.) 8⁰. 1893.

WAHL (Bruno) Ueber das Tracheensystem und die Imaginalscheiben der Larve von *Eristalis tenax*, L. *pp. 54 : 5 pls., text illust. See* Vienna.—kaiserlich-koenigliche universitaet. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. XII, hft. 1. 8⁰. 1899.

WAHL (Carl von) Vergleichende Untersuchungen über den anatomischen Bau der geflügelten Früchte und Samen. *pp. 25 : 5 pls. See* Bibliotheca Botanica, *&c.* Hft. 40. 4⁰. 1897.

WAHL (Walter A.) [1879–] Ueber einen Magnesiumdiopsid führenden Diabas von Källsholm, Skärgård von Föglö, Ålandsinseln. *See* Wuelfing (E. A.) Festschrift H. Rosenbusch, *&c.* 4⁰. 1906.

Wahl (W. A.) Analogien zwischen Gliedern der Pyroxen- und Feldspat-Gruppen und über die Perthitstrukturen. *pp. 24. See* Helsingfors.—finska vetenskaps-societeten. Öfversigt af . . . Förhandlingar. Vol. 1, no. 2. 8⁰. 1908.

WAHLBACK (Axel) Monographia Omphaliarum Sueciæ . . . proponit A. Wahlbäck, *&c. See* Fries (E. M.) 8⁰. 1854.
Also issued as part of Fries' "Monographia Hymenomycetum Sueciæ," *&c.* [*q.v.*]

WAHLBERG (Arthur) Bidrag till kännedomen om Littois Träsk, med särskild hänsyn till dess Plankton. *pp. 201, 5 tabs., 4 pls. (col.), 2 maps (col.), text illust. See* Helsingfors.—societas pro fauna et flora fennica. Acta, *&c.* Vol. XXXVIII, no. 1. 8⁰. 1913.

WAHLBERG (Gust.) Tabanii et Xylophagei Sveciæ, quorum descriptionem . . . subjicit G. Wahlberg. *See* Fallén (C. F.) Diptera Sveciæ, *&c.* Vol. I. 4⁰. 1817.

—— [Another copy, without original title.]

WAHLBERG (Johan August) [1810–1856] J. A. Wahlbergii Fungi Natalenses, *&c.* *See* Fries (E. M.) 8⁰. 1848.

Wahlberg (J. A.) Insecta Caffraria annis 1838–45 a J. A. Wahlberg collecta, . . . Coleoptera. 2 Pt. *See* Boheman (C. H.) 8⁰. 1848.

Coleoptera Caffrariæ a J. A. Wahlberg collecta. Heteromera (—Curculionides—Longicornia). *See* Fåhræus (O. I.) 8⁰. 1870–72.
This is a continuation of the preceding.

Wahlberg (J. A.) Kafferlandets Dag-Fjärilar, insamlade åren 1838–45 af J. A. Wahlberg, beskrifna af H. D. J. Wallengren. (Lepidoptera Rhopalocera, in Terra Caffrorum . . . collecta, *&c.*) *pp. 55.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. ii, no. 4. 4⁰. 1857.

Wahlberg (J. A.) Heterocer-Fjärilar, samlade i Kafferlandet af J. A. Wahlberg [1838–45], beskrifna af H. D. J. Wallengren. *pp. 83.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Handlingar Ny Följd, Bd. v, no. 4. 4⁰. 1865.

WAHLBERG (Pehr Fredrik) [1800–1877] Flora Gothoburgensis, cujus partem priorem . . . præside C. P. Thunberg . . proponit P. F. Wahlberg, *&c.* —— Partem posteriorem . . . p.p. P. F. Wahlberg, *&c.* *See* Thunberg (C. P.) 8⁰. [1820–24.]

Wahlberg (P. F.) Anvisning till de Svenska pharmaceutiska Växternas igenkännande. Första delen . . . erhållande af P. F. Wahlberg, *&c.* *See* Thunberg (C. P.) 8⁰. 1826.

Wahlberg (P. F.) Anvisning till Svenska Foderväxternas kännedom. *pp. 318, 2 tabs. : 4 pls.* 8⁰. *Stockholm*, 1835.

Wahlberg (P. F.) Svensk Botanik . . . sammanfattadt . . . No. 739 af P. F. Wahlberg. *See* Palmstruch (J. W.) 8⁰. 1843.

WAHLBOM (Johan Gustaf) [1724–1808] Sponsalia Plantarum, quæ . . submittit J. G. Wahlbom, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1746.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. i, no. 12. 8⁰. 1749.

—— —— [Another edition.] Vol. i [no. 3]. 8⁰. 1749.

—— —— —— Editio tertia. Vol. i, no. 12. 8⁰. 1787.

—— —— *See* Linnæus (C.) [*Works.*] C. Linnæi . . . Opera varia, *&c.* 8⁰. 1758.

—— [Another edition.] *See* Linnæus (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . Curante J. E. Gilibert. Tom. i. 8⁰. 1786.

Wahlbom (J. G.) Von der Begattung der Pflanzen. *See* Linnæus (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. i, no. 1. 8⁰. 1776.

WAHLENBERG (Göran) [1780–1851] Museum naturalium Academiæ Upsaliensis. Cujus part. xxii. . . . proponit G. Wahlenberg, *&c.* *See* Thunberg (C. P.) 4⁰. [1797.]

Wahlenberg (G.) G. Wahlenberg . . . De sedibus materiarum immediatarum in Plantis tractatio. 4 Pt. *pp.* [*vi,*] *74.* 4⁰. *Upsaliæ* [1806–7].
Pt. i. Præside C. P. Thunberg . . . auctor G. Wahlenberg.
,, ii. Proponit G. Wahlenberg . . . respondente C. Svedelio.
,, iii. ,, ,, ,, ,, J. U. Nyberg.
,, iv. ,, ,, ,, ,, S. Kjellberg.

Wahlenberg (G.) G. Wahlenberg . . Flora Lapponica exhibens Plantas geographice et botanice consideratas, in Lapponiis Svecicis . . . nec non Lapponiis Norvegicis . . . indigenas et itineribus annorum 1800–1810 denuo investigatas, *&c.* *pp. lxvi, 550, 1 tab. : 30 pls., 1 map.* 8⁰. *Berolini*, 1812.

—— Supplementum, *&c.* *See* Sommerfelt (S. C.) 8⁰. 1826.

Wahlenberg (G.) G. Wahlenberg . . . de Vegetatione et Climate in Helvetia septentrionali inter flumina Rhenum et Arolam observatis et cum summi septentrionis comparatis tentamen. *pp. xcviii, 200, 1 tab.* 8⁰. *Turici Helvetorum*, 1813.

Wahlenberg (G.) G. Wahlenberg . . . Flora Carpatorum principalium, exhibens Plantas in montibus Carpaticis inter flumina Waagum et Dunajetz, eorumque ramos Arvam et Popradum, crescentes : cui præmittitur tractatus de altitudine, vegetatione, temperatura et meteoris horum montium in genere. *pp. cxviii, 408 : 3 pls., 1 map.* 8⁰. *Gottingæ*, 1814.

Wahlenberg (G.) Flora Upsaliensis, enumerans Plantas circa Upsaliam sponte crescentes, *&c.* *pp. vii, 495 : 1 map.* 8⁰. *Upsaliæ*, 1820.

Wahlenberg (G.) Tentamen synopseos Potentillarum, cum adnotatiunculis in Wahlenbergii Floram Helveticam, Lapponicam, Carpathicam . . . Auctore A. von Haller. *See* Berne.—Museum der naturgeschichte Helvetiens. Musée Helvetique, *&c.* (Partie botanique.) Tom. i, no. 6. 4⁰. 1823.

Wahlenberg (G.) Svensk Botanik . . . sammanfattadt af G. Wahlenberg. Bd. ix–xi. *See* Palmstruch (J. W.) 8⁰. 1823–43.

Wahlenberg (G.) Flora Svecica, enumerans Plantas Sveciæ indigenas cum synopsi classium ordinumque . . . nomina incolarum et qualitates Plantarum illustrantibus, *&c.* *pp. lxxxviii, 1117.* 2 Pt. [in 1 Vol.] 8⁰. *Upsaliæ*, 1824–26.

—— Denuo impressa. 2 Pt. *pp. xcvii, 1134.* 8⁰. *Upsaliæ*, 1831–33.

E. Fries . . . Novitiæ Floræ Suecicæ. Edit. altera, auctior et in formam commentarii in . . . Wahlenbergii Floram Suecicam redacta. *See* Fries (E. M.) 8⁰. 1828.

Wahlenberg (G.) De Camphora ejusque usu Therapeutico dissertatio . . . Præside . . . G. Wahlenberg, *&c.* *See* Flodberg (J. E.) & Hedrén (E.) 4⁰. [1834.]

Wahlenberg (G.) Om möjligheten att, enligt vegetabiliernes naturliga analogier, a priori bestämma deras egenskaper och verkningar på menskliga organismen, *&c.* 2 Pt. *pp. 31.* 4⁰. *Upsala*, 1834.
Pt. i. Under inseende af G. Wahlenberg . . . af författaren M. Huss.
,, ii. ,, ,, ,, ,, ,, ,, ,, C. J. Wretholm.

Wahlenberg (G.) Historisk underrättelse om Upsala Universitets Botaniska Trädgård, 1836. 8⁰. [*Upsala*, 1837.]

Wahlenberg (G.) Synopsis Floræ Gothlandicæ . . Praeside . . . G. Wahlenberg, *&c.* 2 Pt. *See* Säve (C.) 8⁰. 1837.

Wahlenberg (G.) Observationes Stirpium circa Christinehamn provenientium . . . Præside G. Wahlenberg, *&c.* *See* Andersson (C.) 8⁰. 1842.

Wahlenberg (G.) Novitiæ Floræ Gotlandicæ . . . præside . . . G. Wahlenberg, *&c.* *See* Afzelius (P. C.) 8⁰. 1844.

Wahlenberg (G.) Om Vegetabiliska Droguers insamling och förvaring. Akademisk afhandling . . . under inseende af G. Wahlenberg, *&c.* *See* HAMBERG (N. P.) 8⁰. 1848.

WAHLGREN (CARL FREDRIK) Conspectus criticus Diatomacearum, quem . defendet F. Wahlgren . . . P. II. *See* AGARDH (C. A.) 8⁰. 1830.

WAHLGREN (EINAR) Beiträge zur Fauna der Bären-Insel . . . Collembola. *pp. 8: text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 6. 8⁰. 1900 (1901).

Wahlgren (E.) Aphanipterologische Notizen, nebst Beschreibung neuer Arten. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. 8⁰. 1903.

Wahlgren (E.) Ueber einige Zetterstedt'sche Nemocerentypen. *pp. 19: text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. II, no. 7. 8⁰. 1904.

Wahlgren (E.) Antarktische und subantarktische Collembolen gesammelt von der Schwedischen Südpolarexpedition. *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901–1903, *&c.* Bd. V, lief. 9. 4⁰. 1906.

Wahlgren (E.) Ueber die Farbenvariationen von *Isotoma viridis*, Bourl. *See* WIRÉN (A.) *& others.* Zoologische Studien . . . T. Tullberg . . . gewidmet, *&c.* 4⁰. 1907.

Wahlgren (E.) Bidrag till kännedomen om öfre Klarälfdalens Entomogeografi. *pp. 32.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. IV, no. 13. 8⁰. 1908.

Wahlgren (E.) [Collembola from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . 1905–1906, *&c.* Bd. III, Apterygogenea, no. 1. 4⁰. 1910.

WAHLGREN (FREDRIK) *of Gothenborg.*
See WAHLGREN (CARL F.)

WAHLGREN (FREDRIK) *Zoologist.*
See WAHLGREN (FREDRIK AUGUST).

WAHLGREN (FREDRIK AUGUST) [1819–1877] Om den Zoologiska Institutionen vid Lunds Universitet. *pp. 32.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom II, no. 10. 4⁰. [1866.]

Wahlgren (FREDRIK A.) Några anteckningar om en stor Klumpfisk, *Mola nasus* (Raf.) *pp. 18: 1 pl.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. IV, no. 6. 4⁰. [1868.]

Wahlgren (FREDRIK A.) Om de vid utvidgningen af Ystads hamn åren 1868-69 funne Däggdjursben, *&c.* *pp. 27 [1]: 1 pl.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. IX, no. 12. 4⁰. [1873.]

—— II. [Edited from the author's manuscripts by A. Quennerstedt.] *pp. 13.* *See* LUND.—KONGLIGA FYSIOGRAFISKA SÄLLSKAPET. Minnesskrift, *&c.* Art. 6. 4⁰. 1878.

WÅHLIN (ANDREAS) Dissertatio medica Odores medicamentorum exhibens, quam . . . submittit A. Wåhlin, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1752.]

—— [Another edition entitled:] Odores Medicamentorum, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . Amœnitates Academicæ, *&c.* Vol. III, no. 38. 8⁰. 1756.

—— —— [Reprint.] 8⁰. 1764.

—— —— Editio secunda. 8⁰. 1787.

—— [Another edition.] *See* LINNÆUS (C.) [*Works.*] C. Linnæi Fundamentorum Botanicorum . . . Curante J. E. Gilibert. Tom. II. 8⁰. 1786.

Wåhlin (A.) Vom Geruch der Arzenenmittel. *See* LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, *&c.* Bd. II, no. 10. 8⁰. 1777.

WAHLQVIST (AXEL HJALMAR) [1839–] [For official publications in connection with the "Kartblad."] *See* SWEDEN.—SVERIGES GEOLOGISKA UNDERSÖKNING.

WAHLSTEDT (LARS JOHAN) [1836–] Bidrag till kännedomen om de Skandinaviska Arterna af Växtfamiljen Characeæ. Academisk afhandling, *&c.* *pp. viii, 43.* 8⁰. *Lund*, 1862.

Wahlstedt (L. J.) Om Characeernas knoppar och öfvervintring. *pp. 48.* 8⁰. *Lund*, 1864.

Wahlstedt (L. J.) Monografi öfver Sveriges och Norges Characeer. *pp. 37.* 4⁰. *Christianstad*, 1875.
Christianstads Högre Elementar-Läroverks Inbjudningsskrift. 1875.

WAHLSTRÖM (JOHAN ERIK) [1821–] Plantarum Vascularium in regione Telgæ Borealis sponte crescentium synopsis, *&c.* *pp. 40.* 8⁰. *Upsaliæ*, 1847.
Pt. I. P. p. J. A. Schagerström et auctor J. E. Wahlström.
Pt. II. ,, ,, ,, et C. T. Hjerpe.
Pt. III. ,, ,, ,, et A. P. Anderstedt.

—— [Another edition entitled:] Synopsis Plantarum in regione Telgæ Borealis. *pp. 40.* 8⁰. *Upsaliæ*, 1847.
Differs from the preceding only in having a single, new, title-page.

Wahlström (J. E.) [Svensk Exkursions-Fauna . . . I. Ryggradsdjuren. 12⁰. *Stockholm*, 1861.]
Wanting.

—— Andra upplagan. *pp. [iv,] 109, ix.* 12⁰. *Stockholm*, 1867.

WAHNSCHAFF (THEODOR) & **Timm** (C. T.) Beiträge zur Laubmoosflora der Umgegend von Hamburg. *pp. 50.* *See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. XI, hft. III, no. 2. 4⁰. 1891.

WAHNSCHAFFE (GUSTAV ALBERT BRUNO FELIX) [1851–1914] Die Quartärbildungen der Umgegend von Magdeburg, mit besonderer Berücksichtigung der Börde. *pp. xi, 104: 1 map col., text illust.* *See* PRUSSIA.—*Koenglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. VII, hft. 1. 8⁰. 1885.

Wahnschaffe (G. A. B. F.) Die geologischen Verhältnisse der Umgegend von Rathenow. Mit einigen allgemein geologischen Vorbemerkungen, *&c.* *pp. 28: 1 map, text illust.* 8⁰. *Rathenow*, 1886.

Wahnschaffe (G. A. B. F.) Die Ursachen der Oberflächengestaltung des Norddeutschen Flachlandes. *pp. 166: 5 pls., text illust.* *See* STUTTGART.—*Centralkommission fuer Wissenschaftliche Landeskunde von Deutschland.* Forschungen, *&c.* Bd. VI, hft. 1. 8⁰. 1891.

Wahnschaffe (G. A B. F.) Die Lagerungsverhältnisse des Tertiärs und Quartärs der Gegend von Buckow. *pp. 32 : 3 pls., 1 map geol. col., text illust. See* PRUSSIA. —*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, hft. 20. 8⁰. 1894.
Reprinted from the "Jahrbuch" of the Survey for 1893.

Wahnschaffe (G. A. B. F.) & **Laufer** (E.) Mittheilungen aus dem Laboratorium für Bodenkunde . . . Untersuchungen des Bodens der Umgegend von Berlin. *pp. x, 283. See* PRUSSIA. — *Koenigliche-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. III, hft. 2. 8⁰. 1881.

Wahnschaffe (G. A. B. F.) & **Leppla** (A.) Geologisch-agronomische Darstellung der Umgebung von Geisenheim am Rhein, *&c. pp. 42 : 1 map geol. col. See* PRUSSIA. — *Koeniglich - Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, hft. 35. 8⁰. 1901.

WAHNSCHAFFE (MAX) [–1884] Verzeichniss der im Gebiete des Aller-Vereins zwischen Helmstedt und Magdeburg aufgefundenen Käfer. *pp. [iv,] 456.* 8⁰. *Neuhaldensleben*, 1883.

WAILES (GEORGE HERBERT) & **Penard** (E.) [Rhizopoda of Clare Island]. *pp. 64 : 6 pls. See* ROYAL IRISH ACADEMY. Proceedings, *&c.* Vol. XXXI, pt. 65. 8⁰. 1911.

WAINDZIOK (PAUL) Petrographische Untersuchungen an Gneissen des St. Gotthard. Inaugural-Dissertation, *&c. pp. 55 : 1 map.* 8⁰. *Berlin*, 1906.

WAÎNIO (EDVARD AUGUST) Tutkimus Cladoniain phylogenetillisestä kehityksestä, *&c. pp. 62 : 1 pl.* 8⁰. *Helsingissä*, 1880.

Wainio (E. A.) Adjumenta ad Lichenographiam Lapponiæ Fennicæ atque Fenniæ borealis . . . Havainnoita Suomen Lapin ja Pohjais - Suomen jäkäläkasvistosta. 2 Pt. 8⁰. *Helsingfors*, 1881–83.
Meddel. Soc. Fauna & Flora Fennica. Hft. X.

Wainio (E. A.) Monographia Cladoniarum universalis. 2 Pt. *See* HELSINGFORS.—SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. IV, X, & XIV. 8⁰. 1887–97.

Wainio (E. A.) Étude sur la classification naturelle et la morphologie des Lichens du Brésil. 2 Pt. *See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. VII. 8⁰. 1890.

Wainio (E. A.) Notes sur la Flore de la Laponie Finlandaise. *pp. 90. See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. VIII, no. 4. 8⁰. 1891.

Wainio (E. A.) Lichenes in Sibiria meridionali collecti. *pp. 20. See* HELSINGFORS. — SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XIII, no. 6. 8⁰. 1896 (1897).

Wainio (E. A.) [Lichenes from West Africa.] *See* BRITISH MUSEUM (NATURAL HISTORY). *Botany.* Catalogue of the African Plants collected by . . . F. Welwitsch in 1853–61. Vol. II. 8⁰. 1901.

Wainio (E. A.) Lichenes expeditionis G. Amdrup (1898–1902). Enumeravit E. A. Wainio. 1905. *See* DENMARK.—*Commissionen for Ledelsen af de Geologiske og Geographiske Undersøgelser i Grønland.* Meddelelser om Grønland, *&c.* Hft. XXX, afd. 1. Botanical exploration of the East coast of Greenland, *&c.* No. 4. 8⁰. 1905 (1907).

Wainio (E. A.) Lichenes in viciniis hibernæ expeditionis Vegæ prope pagum Pitlekai in Sibiria septentrionali a . . . E. Almquist collecti. Enumeravit E. A. Wainio, præfationem scripsit E. Almquist. *pp. 175. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VIII, no. 4. 8⁰. 1909.

WAINWRIGHT & WRATTEN, Ltd. Photomicrography. *See* WRATTEN & WAINWRIGHT, *Ltd.* 8⁰. [1910.]

WAITE (EDGAR RAVENSWOOD) [1866–] *See* NATURALIST, *The* . . . Edited by . . . E. R. Waite, *&c.* 1892. 8⁰. 1892.

Waite (E. R.) [Muridæ of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. II. 4⁰. 1896.

Waite (E. R.) The Mammals, Reptiles, and Fishes of Funafuti. *See* SYDNEY.—AUSTRALIAN MUSEUM. Memoirs, *&c.* No. 3. The Atoll of Funafuti, *&c.* 8⁰. 1897.

Waite (E. R.) [Report on the marine Fish of New South Wales.] *See* NEW SOUTH WALES. Sea Fisheries. Report upon Trawling Operations off the coast of New South Wales, *&c.* fol. 1898.

Waite (E. R.) Vertebrata of the Subantarctic Islands of New Zealand. *See* PHILOSOPHICAL INSTITUTE OF CANTERBURY, *New Zealand.* The Subantarctic Islands of New Zealand, *&c.* Art. 25. 4⁰. 1909.

Waite (E. R.) Antarctic Fishes. *See* SHACKLETON (*Sir* E. H.) British Antarctic Expedition 1907–9, *&c.* Vol. II, pt. 2. 4⁰. 1911.

WAITE (MERTON BENWAY) The Pollination of Pear flowers. *pp. 86 : 12 pls. See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 5. 8⁰. 1894.

—— Second edition. 8⁰. 1895.

WAITZ (FRIEDRICH AUGUST CARL) [1798–1882] Praktische Beobachtungen über einige Javanische Arzneimittel . . aus dem Holländischen in das Deutsche übersetzt und mit Anmerkungen begleitet von J. B. Fischer. *pp. xvi, 79.* 8⁰. *Leipzig & Brüssel*, 1829.

WAITZ (KARL FRIEDRICH) [1774–1848] Beschreibung der Gattung und Arten der Heiden, nebst einer Anweisung zur zweckmässigen Kultur derselben. Ein Handbuch, *&c. pp. xii, 355 : 2 pls.* 8⁰. *Altenburg*, 1805.

WAITZ (THEODOR) [1821–1864] Introduction to Anthropology, *&c. See* ANTHROPOLOGICAL SOCIETY OF LONDON. Publications, *&c.* Vol. I. 8⁰. 1863.

WAKE (CHARLES STANILAND) [1835–1910] Journal of Anthropology . . . Edited by . . . C. S. Wake, *&c.* Vol. I, no. 1–3. *See* ANTHROPOLOGICAL SOCIETY OF LONDON. 8⁰. 1870–71.

WAKEFIELD (EDWARD) The Whale and Whaling. 8⁰. [*London*, 1844.]
Simmond's Colonial Magazine. Vol. III, *pp. 325–342.*

WAKEFIELD (PRISCILLA) [1751–1832] An Introduction to Botany, in a series of familiar letters, *&c. pp. xiii, 184, 1 tab. : 12 pls.* 12⁰. *London*, 1796.

—— Tenth edition. To which is added an Appendix, containing a short introduction to the Natural Arrangement of Plants. *pp. xxiii, 239, 1 tab. : 10 pls. col.* 12⁰. *London*, 1831.

WALÆUS (JOHANNES) [1604–1649] J. Walæi Epistolæ duæ de motu Chyli et sanguinis. *See* HARVEY (W.) G. Harveii . . . Exercitationes anatomicæ, de motu cordis & sanguinis circulatione, *&c.* 12⁰. 1660.

WALBAUM (JOHANN JULIUS) [1724–1799] Chelonographia, oder Beschreibung einiger Schildkröten nach natürlichen Urbildern verfertiget. *pp. [viii,] 132 : 1 pl.* 4⁰. *Lübeck & Leipzig* [1782].

Walbaum (J. J.) P. Artedi renovati . . . Ichthyologica. Cura J. J. Walbaumii. 5 Pt. *See* ARTEDI (P.) 8⁰. (1788–) 1789–93.

Walbaum (J. J.) J. T. Kleinii Ichthyologia enodata, sive index rerum ad historiam Piscium naturalem synonymis recentissimorum systematicorum explicatus. *pp. vi, 114.* 4⁰. *Lipsiæ*, 1793.

WALCH (JOHANN ERNST IMMANUEL) [1725–1778] Das Steinreich, systematisch entworfen. 2 Vol. [in 1.] *illust.* 8⁰. *Halle*, 1762 64.

Walch (J. E. I.) Die Naturgeschichte der Versteinerungen, *&c.* Thl. II–IV. *See* KNORR (G. W.) Sammlung von Merkwürdigkeiten, *&c.* fol. 1768–74.

Walch (J. E. I.) Recueil des monumens des catastrophes que le Globe de la Terre a éssuiées, contenant des Pétrifactions . . . continué par J. E. E. Walch. Tom. II–IV. *See* KNORR (G. W.) fol. 1768–78.

—— [Another edition.] Tom. I. fol. 1777.

Walch (J. E. I.) T. C. Hoppens Geraische Flora, mit einer Vorrede begleitet von J. E. I. Walch. *See* HOPPE (T. C.) 8⁰. 1774.

Walch (J. E. I.) Deliciæ Naturæ selectæ, oder auserlesenes Naturaliencabinet, welches aus den drey Reichen der Natur zeiget . . . [Second edition] von neuem übersehen, verbessert, und mit einer Vorrede begleitet von J. E. I. Walch. *See* KNORR (G. W.) fol. 1778.

WALCHNER (FRANZ HERMANN) Darstellung der wichtigsten bis jetzt erkannten Verfälschungen der Arzneimittel und Droguen. *pp. xvii, 215.* 8⁰. *Karlsruhe*, 1842.

WALCHNER (FRIEDRICH AUGUST) [1799–] Handbuch der gesammten Mineralogie . . . Mit besonderer Berücksichtigung der mineralogischen Verhältnisse des Grossherzogthums Baden. 2 Bd. *illust.* 8⁰. *Carlsruhe*, 1829–32.

Walchner (F. A.) [Handbuch der Geognosie zum Gebrauche . . . mit besonderer Berücksichtigung der geognostischen Verhältnisse des Grossherzogthums Baden, *&c.* 8⁰. *Carlsruhe*, 1833.]

Wanting.

—— Zweite . . . Auflage. Lief. 1–7.† *pp. 1120 : text illust.* 8⁰. *Karlsruhe*, 1846–51.

Walchner (F. A.) Mineralogie und Geognosie. *See* OKEN (L.) Allgemeine Naturgeschichte für alle Stände. Bd. I. 8⁰. 1839.

WALCHNER (HERRMANN) Beiträge zur Ornithologie des Bodenseebeckens. *pp. xxxii, 184 : 2 pls.* 8⁰. *Karlsruhe*, 1835.

WALCKENAER (CHARLES ATHANASE) *Baron* [1771–1852] Faune Parisienne, Insectes ; ou histoire abrégée des Insectes des environs de Paris, classés d'après le système de Fabricius ; precédée d'un discours sur les Insectes en général, *&c.* 2 Tom. *illust.* 8⁰. *Paris*, 1802.

Walckenaer (C. A.) *Baron.* Tableau des Aranéïdes, ou caractères essentiels des tribus, genres, familles et races que renferme le genre *Aranea* de Linné, *&c. pp. xii, 84* [4], *1 tab. : 9 pls.* 8⁰. *Paris*, 1805.

Walckenaer (C. A.) *Baron.* Histoire naturelle des Aranéides. [*pp. 119 : 50 pls. col.*] obl. 16⁰. *Paris & Strasbourg*, [1805–] 1806 [–08].

Issued in five parts, of which No. I appeared *post* Oct., 1805 (*See* Avertissement), and No. II *post* Sept., 1906 (*See* II, p 8), whilst No. V was issued in 1808 (*Cf.* Englemann, "Bibl. Zool.," p. 556).

Walckenaer (C. A.) *Baron.* Voyages dans l'Amérique méridionale, par . . . F. de Azara . . . Publiés d'après les manuscrits de l'auteur, avec une notice sur sa vie et ses écrits, par C. A. Walckenaer, *&c.* 4 Tom. & Atlas. *See* AZARA (F. DE) 8⁰. & 4⁰. 1809.

Walckenaer (C. A.) *Baron.* Mémoires pour servir à l'histoire naturelle des Abeilles solitaires qui composent le genre Halicte. *pp. 95 : 1 pl.* 8⁰. *Paris*, 1817.

Walckenaer (C. A.) *Baron.* Les Aranéides. *See* VIEILLOT (L. J. P.) *& others.* Faune Française, *&c.* 8⁰. & 4⁰. [1820–30.]

Walckenaer (C. A.) *Baron* & **Gervais** (F. L. P.) Histoire naturelle des Insectes. Aptères. 4 Tom. & Atlas, *52 pls. (col.)* 8⁰. *Paris*, [1836–] 1837–47.

Forming one of Roret's "Collection des Suites à Buffon." Tom. I by Baron Walckenaer was published in the last week of 1836 ; tom. II, also by the Baron, in the second week in May, 1841 ; tom. III, by Gervais, in the second week in June, 1844 ; tom. IV, pp. 1–363 by Gervais, the rest by Walckenaer came out in the second week of May, 1847 (Bibl. Franc.)

WALCOTT (CHARLES DOOLITTLE) [1850–] Compte rendu des nouvelles recherches de Walcott relatives à la structure des Trilobites, *&c. pp. 32 : 3 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Série VI, tom. XII, no. 3. 8⁰. 1881.

An abstract translation of the author's paper in the "Bull. Mus. Comp. Zoöl. Harvard Coll." Vol. VIII, no. 9, 1881.

Walcott (C. D.) On the Cambrian faunas of North America. Preliminary studies. *pp. 55 : 10 pls. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 10. 8⁰. 1884.

Walcott (C. D.) Palæontology of the Eureka district. [Invertebrate fossils from the Palæozoic rocks.] *pp. xiii, 298 : 24 pls. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. VIII. 4⁰. 1884.

Walcott (C. D.) The writings of . . . C. D. Walcott. *pp. 333. See* ALBANY.—UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 30. Bibliographies of American Naturalists. III. 8⁰. 1885.

Walcott (C. D.) Second contribution to the studies on the Cambrian faunas of North America. *pp. 369 : 33 pls. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 30. 8⁰. 1886.

Walcott (C. D.) The Fauna of the Lower Cambrian, or *Olenellus* Zone. *See* UNITED STATES.—*Geological Survey.* Annual Report, *&c.* No. 10. 8⁰. 1890.

Walcott (C. D.) Correlation Papers : Cambrian. *pp. 447. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 81. 8⁰. 1891.

Walcott (C. D.) Systematic List of Fossils of each geological formation in the Eureka District, Nevada. *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XX, append. A. 4⁰. 1892.

Walcott (C. D.) The Natural Bridge of Virginia.—The Geologist at Blue Mountain, Maryland. 8⁰. [*Washington*,] 1893.

National Geographic Magazine. Vol. V, *pp. 59–96 : 1 pl.*

Walcott (C. D.) The United States Geological Survey . . . Address . . . delivered December 18, 1894. *pp. 24. See* GEOLOGICAL SOCIETY OF WASHINGTON. Presidential Address, *&c.* 1893-4. 8⁰. 1895.

Walcott (C. D.) The United States Geological Survey and its Methods of Work . . . Read, January 5, 1895. 8⁰. *Philadelphia*, 1895.

Proc. Engineers' Club, Philadelphia. Vol. XII, *pp. 44-61 : 3 maps.*

Walcott (C. D.) The Cambrian Rocks of Pennsylvania. *pp. 43 : 14 pls., 1 map col. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 134. 8⁰. 1896.

Walcott (C. D.) Fossil Medusæ. *pp. ix, 201 : 47 pls., text illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXX. 4⁰. 1898.

Walcott (C. D.) Cambrian Geology and Palæontology. No. I→ *illust. See* SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. Vol. LIII, LVI, LVII, LXVI. 8⁰. 1908→

Walcott (C. D.) Cambrian Brachiopoda. 2 Vol. *illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. LI. 4⁰. 1912.

Walcott (C. D.) [Trilobita (pars), & Arachnida (pars), by C. D. Walcott.] *See* ZITTEL (K. A. VON). Text-Book of Paleontology . . . Second Edition, *&c.* Vol. I. 8⁰. 1913.

Walcott (C. D.) [For official Reports as Director.] *See* UNITED STATES.—*Geological Survey.*

Walcott (C. D.) & **Bannon** (M.) Deer Creek Coal-field, White Mountain Indian Reservation, Arizona. *See* UNITED STATES. Letter . . . transmitting . . . Report, *&c.* 8⁰. [1885.]

Walcott (C. D.) & **others**. Geology of the Yellowstone National Park. Pt. II. Descriptive Geology, Petrography, and Paleontology. *pp. xvii, 893, 1 tab. : 117 pls., 4 maps geol. col., text illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXXII. 4⁰. 1899.

WALCOTT (JOHN) [fl. 1778-1822] Flora Britannica Indigena : or plates of the Indigenous Plants of Great Britain, *&c. pp. x, 8, 6, 4, 6 : 168 pls.* 8⁰. *Bath*, 1778.

Walcott (J.) Descriptions and figures of petrifactions found in the quarries, gravel-pits, &c., near Bath, *&c. pp. 51, iv, ii : 16 pls.* 4⁰. *Bath* [1779].

Walcott (J.) The figures, description, and history, of exotic animals, comprised under the classes Amphibia and Pisces of Linnæus. *60 pls., with descriptive letter-press.* 4⁰. *London*, 1788.

This copy contains the original drawings for some of the figures as well as that of a young Iguana that has not been reproduced.

Walcott (J.) Synopsis of British Birds. 2 Vol. *255 copperplate engravings, with descriptive letterpress.* 4⁰. *London*, 1789.

Printed on one side of the paper only : each illustration, with its text, occupies a single page.

WALDBOTT (SIGMUND) References to Capillarity, to the end of . . . 1900 . . . collected . . . by S. Waldbott. *See* LLOYD (J. U.) & (C. G.) Bulletin of the Lloyd Library of Botany, *&c.* No. 4. 8⁰. 1902.

WALDBURG-ZEIL-TRAUCHBURG (KARL VON) *Count* [1841-1890] Reise nach West-Sibirien im . . . 1876 . . . unternommen mit . . . K. Graf v. Waldburg-Zeil-Trauchburg, *&c. See* FINSCH (F. H. O.) 8⁰. 1879.

Waldburg-Zeil-Trauchburg (K. VON) *Count.* Uebersicht der im Jahre 1881 vom Grafen Waldburg-Zeil im Karischen Meere gesammelten Mollusken. Von . . . G. Pfeffer. *pp. 14 : 1 pl. See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. IX, hft. 1, no. 4. 4⁰. 1886.

WALDEMAR, FRIEDRICH WILHELM, *Prince of Prussia* [1817-1849] Die botanischen Ergebnisse der Reise . . . des Prinzen Waldemar von Preussen in . . . 1845 und 1846, *&c. See* KLOTZSCH (J. F.) & GARCKE (F. A.) fol. 1862.

WALDEN, *Lord.*
See HAY (A.) *9th Marquess of Tweeddale.*

WALDENSTRÖM (ERIC GUSTAF) & **Lidebeck** (A.) Dissertatio de Plantis in Svecorum memoriam, nominatis, quam . . . præses M. A. Lidbeck . . . et respondens E. G. Waldenström . . . subjiciunt, *&c. See* LIDBECK (A.) & WALDENSTRÖM (E. G.) 4⁰. [1792.]

WALDENSTRÖM (JOHAN GUSTAF) [1793-1841] Asilici Sveciæ, quorum descriptionem . . . subjicit J. G. Waldenström. *See* FALLÉN (C. F.) Diptera Sveciæ, *&c.* Vol. I. 4⁰. 1814.

—— [Another copy, without original title.]

WALDEYER (HEINRICH WILHELM GOTTFRIED) [1836-] Eierstock und Ei. Ein Beitrag zur Anatomie und Entwicklungsgeschichte der Sexualorgane. *pp. viii, 174 : 6 pls.* 8⁰. *Leipzig*, 1870.

Waldeyer (H. W. G.) *See* ARCHIV FUER MIKROSKOPISCHE ANATOMIE (UND ENTWICKLUNGSGESCHICHTE) . . . herausgegeben von . . W. Waldeyer, *&c.* Bd. XI→ 8⁰. 1875→

Waldeyer (H. W. G.) Untersuchungen über die Histogenese der Horngebilde, insbesondere der Haare und Federn. *See* BRUNN (A. VON) Beiträge zur Anatomie und Embryologie als Festgabe J. Henle, *&c.* 4⁰. 1882.

Waldeyer (H. W. G.) Das Gorilla-Rückenmark. *pp. 147 : 12 pls. See* BERLIN.—KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Physikalische Abhandlungen, *&c.* 1888. 4⁰. 1889.

Waldeyer (H. W. G.) Festschrift für W. Waldeyer zur Feier seines 50jährigen Doctorjubiläums. *See* ARCHIV FUER MIKROSKOPISCHE ANATOMIE, *&c.* Bd. LXXVIII. 8⁰. 1911.

Waldeyer (H. W. G.) & **Grimm** (J.) Atlas der menschlichen und tierischen Haare sowie der ähnlichen Fasergebilde, *&c. See* GRIMM (J.) & WALDEYER (H. W. G.) obl. 4⁰. 1884.

WALDHEIM (FISCHER DE)
See FISCHER DE WALDHEIM.

WALDIN (JOHANN GOTTLIEB) [1728-1795] Die Frankenberger-Versteinerungen, nebst ihren Ursprunge. *pp. 32 : 1 pl.* 4⁰. *Marburg*, 1778.

WALDNER (HEINRICH) Deutschlands Farne mit Berücksichtigung der angrenzenden Gebiete Oesterreichs, Frankreichs und der Schweiz. *52 photo-litho pls., with letterpress descriptions in* GERM., FR., ENG. & LAT. 8⁰. *Heidelberg*, 1883.

Waldner (H.) Ueber Europäische Rosentypen. *pp. 56 : 1 pl.* 4⁰. *Worms*, 1885.

WALDNER (MARTIN) Die Entwicklung der Sporogone von *Andreæa* und *Sphagnum. pp. 25 : 4 pls.* 8⁰. *Leipzig*, 1887.

WALDSCHMIED (Johannes Jacobus) *See* Waldschmiedt.

WALDSCHMIEDT (Johann Jacob) [1644–1687] Dissertatio medica de potu Theæ . . . sub præsidio . . . J. J. Waldschmiedt, *&c.* *See* Kursnerus (C.) 4⁰. [1685.]

Waldschmiedt (J. J.) Descriptio virium et facultatem medicamentorum . . . quæ in Officinis Francofurtensibus extant, juxta taxationem eorum, serie alphabetica exhibita. *See* Koenig (E.) Κερας Ἀμαλθειας, *&c.* 4⁰. 1693.

WALDSCHMIEDT (Wilhelm Ulrich) [1669–1731] Kurtze . . . Beschreibung derer Aloen insgemein, insonderheit aber derer Americanischen, *&c.* (Americanische und bey dem Hoch-Fürstl. Schloss Gottorff im . . . 1668. blühende Aloe . . . beschrieben von D. J. D. Major, *&c.*) *pp.* [*vi*,] *36* (*36*). 4⁰. *Kiel*, 1705.

WALDSTEIN (Franz Adam von) *Count* [1759–1823] & **Kitaibel** (P.) F. Comitis Waldstein . . . et P. Kitaibel . . . Descriptiones et Icones Plantarum rariorum Hungariæ. 3 Vol. *illust. col.* fol. *Viennæ*, 1802–12.

WALDUNGUS (Wolffgangus) [1554–1621] Lagographia. Natura Leporum, qua prisci autores et recentiores prodidere quid ve utilitatis in re medica ab isto quadrupede percipiatur. Liber singularis, *&c.* *pp. 82* [*4*] *: text illust.* 4⁰. *Ambergæ*, 1619.

WAŁECKI (Antoni) Materyały do Fauny Ichtyologicznéj Polski. [Materials for an Ichthyological Fauna of Poland.] 2 Pt. [in 1 Vol.] 4⁰. *Warszawa*, [1863–] 1864.
Oddruk z Biblioteki Warszawskiéj.

WALES.—University College. *See* Aberystwith.

WALFORD (Edwin Alfred) [1846–] On some middle and upper Lias beds in the neighbourhood of Banbury. *pp. 23 : 1 pl.* 8⁰. *Banbury*, 1879.
Proc. Warwick. Nats.' Field Club. 1878.

Walford (E. A.) "On *Natica cincta*, its surface-markings and variations in growth." *pp. ii : 1 pl.* 8⁰. [*Banbury*, 1882.]
Banburyshire Nat. Hist. Soc. 1882.

Walford (E. A.) On some new Oolitic Strata in north Oxfordshire. *pp. 32.* large paper. 8⁰. *Buckingham*, 1906.

WALFORD (Thomas) [1752–1833] The Scientific Tourist through England, Wales, & Scotland : by which the traveller is directed to . . . the Minerals, Fossils, Rare Plants, and other subjects of Natural History . . . To which is added an introduction to the study of . . . Geology, Mineralogy, and Botany. 2 Vol. *illust.* 12⁰. *London*, 1818.

The Scientific Tourist through Ireland . . . a sequel to the Scientific Tourist through England, *&c.* *See* Ireland. 12⁰. 1818.

WALKER (Alfred Osten) [Malacostraca of Socotra.] *See* Liverpool.—*Free Public Library, Museum and Gallery of Arts.* The Natural History of Socotra, *&c.* 8⁰. 1903.

Walker (A. O.) Report on the Amphipoda collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. ii. Supplementary Reports. No. 17. 8⁰. 1904.

WALKER (Bryant) Report upon the Mollusca collected in the vicinity of Charlevoix, Michigan, in . . . 1894. *See* Michigan, *State of.—Michigan Fish Commission.* Bulletin, *&c.* No. 6, append. 5. 8⁰. 1896.
Bulletin No. 6 was also issued as an appendix to the "Twelfth Biennial Report" (1897) of the Fish Commission [*q.v.*].

Walker (B.) On the Shells of Marls. *See* Michigan, *State of.—Geological Survey.* [Reports, *&c.*] Vol. viii, pt. 3. 8⁰. 1903.

WALKER (Charles) & (John) Introduction to the Study of Geology . . . to accompany the Geological Map of England and Wales . . . by J. & C. Walker. *See* Burr (F.) 8⁰. 1836.

WALKER (David B.) Report on neglected Goldfields. *See* Victoria, *Australia.—Department of Mines.* Special Reports, *&c.* 4⁰. 1894.

WALKER (Edmund Murton) The North American Dragonflies of the genus *Æshna.* *pp. viii, 213 : 28 pls.* (*col.*), *text illust.* *See* Toronto.—*University.* Studies. Biological Series. No. xi. 8⁰. 1912.

WALKER (F. M.) & **Pring** (S. W.) [Rotifera of the Isle of Wight.] *See* Morey (F.) A Guide to the Natural History of the Isle of Wight, *&c.* 8⁰. 1909.

WALKER (Francis) [1809–1874] Monographia Chalciditum. (Vol. ii. Species collected by C. Darwin.) 2 Vol. [in 1]. 8⁰. *London, &c.*, 1839.

Walker (Francis) List of the . . Hymenopterous Insects in the . . . Museum. 2 Pt. *See* British Museum (Natural History).—*Zoology.* [*Hymenoptera.*] 12⁰. 1846–48.

Walker (Francis) List of the . . Dipterous Insects in the . . . British Museum. 7 Pt. *See* British Museum (Natural History).—*Zoology.* [*Diptera.*] 12⁰. 1848–55.

Walker (Francis) List of the . . . Homopterous Insects in the . . . British Museum. 4 Pt. & Suppt. *illust.* *See* British Museum (Natural History).—*Zoology.* [*Rhynchota.*] 8⁰. 1850–58.

Walker (Francis) Insecta Saundersiana . . . Vol. i. Diptera. *See* Saunders (W. W.) 8⁰. (1850–) 1856.

Walker (Francis) Insecta Britannica. Diptera. 3 Vol. *illust.* 8⁰. *London*, 1851–56.
The only published part of a projected series by different authors under the common heading "Insecta Britannica."

Walker (Francis) Catalogue (—List) of the . . . Neuropterous Insects in the . . . British Museum. 4 Pt. *See* British Museum (Natural History).—*Zoology.* [*Neuroptera.*] 12⁰. 1852–53.

Walker (Francis) List of the . . . Lepidopterous Insects in the . . . British Museum. 35 Pt. *See* British Museum (Natural History).—*Zoology.* [*Lepidoptera.*] 12⁰. 1854–66.

Walker (Francis) Characters of undescribed Diptera in the collection of W. W. Saunders. *pp. 40.* 8⁰. [*London*,] 1857.
Trans. Ent. Soc. Lond. New Ser., vol. iv.

Walker (Francis) Insecta Saundersiana: or characters of undescribed insects in the collection of W. W. Saunders . . . [Vol. iv.] Homoptera by F. Walker. *See* Saunders (W. W.) 8⁰. 1858.

Walker (Francis) [Descriptions of Coleoptera from Vancouver.] *See* Lord (J. K.) The Naturalist in Vancouver Island and British Columbia. Vol. ii. 8⁰. 1866.

Walker (Francis) Catalogue of the . . . Heteropterous-Hemiptera in the . . . British Museum. 8 Pt. *See* British Museum (Natural History).—*Zoology.* [*Rhynchota.*] 8⁰. 1867–73.

Walker (Francis) Catalogue of the . . . Blattariæ in the . . . British Museum. *See* British Museum (Natural History).—*Zoology.* [*Orthoptera.*] 8⁰. 1868.

Walker (Francis) Notes on the North American Lepidoptera in the British Museum and described by M. F. Walker. *See* Grote (A. R.) & Robinson (C. T.) 4⁰. [1868.]

Walker (Francis) Characters of undescribed Lepidoptera Heterocera. *pp. 112.* 8⁰. *London*, 1869.

Walker (Francis) Catalogue of the . . . Dermaptera Saltatoria and supplement to the Blattariæ in the . . . British Museum. 5 Pt. *See* British Museum (Natural History).—*Zoology.* [*Orthoptera.*] 8⁰. 1869-70 [-71].

Walker (Francis) List of Coleoptera collected by J. K. Lord . . . in Egypt, Arabia and near the African shore of the Red Sea. With characters of the undescribed species. *pp. 19.* 8⁰. *London*, 1871.

Walker (Francis) A List of Hymenoptera collected by J. K. Lord . . . in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. *pp. iv, 59.* 8⁰. *London*, 1871.

Walker (Francis) Notes on Chalcidiæ. 7 Pt. *pp. 129: text illust.* 8⁰. *London*, 1871-72.

Walker (Francis) Catalogue of Hemiptera Heteroptera in the British Museum . . . Supplement. *pp. vi, 63.* 8⁰. *London*, 1873.

Walker (Francis) Notes on Diptera and Lists of Species. First series. *pp. 37.* 8⁰. *London*, 1874.
Printed in triple column.

Walker (Francis) Translation of synoptical arrangements of some European families and genera of Hymenoptera. *pp. iv, 48.* 8⁰. *London*, 1874.

WALKER (Francis Augustus) [1841-1905] Catalogue of Lepidoptera Rhopalocera in the collection of . . . F. A. Walker. *pp. 43.* 8⁰. *London*, 1878.

Walker (Francis A.) Catalogue of the Collection of Insects presented to Highgate School by . . . F. A. Walker. *pp. 28.* 8⁰. *London*, 1878.

Walker (Francis A.) Catalogue of the Geological Collection as well as of Supplement to the Entomological Collection presented to Highgate School by . . . F. A. Walker . . . and Catalogue of British Butterflies and Moths previously in the possession of Highgate School. *pp. 16.* 8⁰. *London*, 1878.

Walker (Francis A.) L'Orient: or a journal of my tour in the East . . . 1882. *pp. vii* [*i*,] *394.* 4⁰. *London*, 1882.

Walker (Francis A.) Nine hundred miles up the Nile . . . 1884. *pp. vii, 233.* 4⁰. *London*, 1884.

Walker (Francis A.) The Insect Fauna of Hampstead. *See* Lobley (J. L.) Hampstead Hill, *&c.* 8⁰. 1889.

Walker (Francis A.) The Botany and Entomology of Iceland. *pp. 38.* 8⁰. [*London*, 1890.]
Journ. Vict. Inst. xxiv.

WALKER (George) & **Boys** (W.) Testacea minuta rariora nuperrime detecta in arena littoris Sandvicensis; a G. Boys . . . multa addidit, et omnium figuras ope microscopii ampliatas accurante delineavit G. Walker. —A collection of the minute and rare shells lately discovered . . . near Sandwich, *&c.* *See* Boys (W.) & Walker (G.) 4⁰. [1784.]

WALKER (H.) Descriptive Catalogue of the fossil remains of Vertebrata from the Sewalik Hills, the Nerbudda, Perim Island, &c., in the Museum of the Asiatic Society of Bengal. By H. Falconer, assisted by H. Walker. *See* Falconer (H.) 8⁰. 1859.

WALKER (Henry) [-1900] The Glacial Drifts of Muswell Hill & Finchley, *&c.* *pp. 24: 1 map, text illust.* 8⁰. *London*, 1874.
An enlarged, coloured edition of the map also exists, for which *See* Finchley, *Middlesex.*

Walker (Henry) A Day's Elephant Hunting in Essex . . . A lecture, *&c.* *pp. 32: 1 pl., text illust.* 8⁰. *Essex*, 1880.
Trans. Epping Forest & County of Essex Nats.' Field Club. Vol. I.

Walker (Henry) A Guide to the popular Natural History Clubs of London. *pp. 7.* 8⁰. *London*, 1881.

Walker (Henry) Geology of Swanage and the Isle of Purbeck. *See* Tuffin (R.) & Hanscomb (A. E.) The Isle of Purbeck. The 'Handy Guide' to Swanage, *&c.* 8⁰. 1885.

WALKER (J. P.) *M.D., Supt. of Port Blair, & Commissioner in the Andamans.* Statement of Convict Doodnath Tewarry [taken by J. P. Walker, giving an account of the Manners and Customs of the Natives of the Andaman Islands]. *pp. 8, 4.* 4⁰. [*Ross Island?* 1859.]

WALKER (James) The Analytical Theory of Light. *pp. xv, 416: text illust.* 8⁰. *Cambridge*, 1904.

WALKER (James Backhouse) [1841-1889] The discovery of Van Diemen's Land in 1642; with notes on the localities mentioned in Tasman's journal of the voyage. *pp. 16.* 8⁰. *Hobart*, 1891.

Walker (James B.) List of books relating to Tasmania. *See* Morton (A.) Handbook for the use of the members of the Australasian Association . . . 1892, *&c.* 8⁰. 1891.

Walker (James B.) Early Tasmania, *&c.* *See* Royal Society of Tasmania. 8⁰. 1902.

WALKER (John) *Entomologist.* The Botfly of the Ox (*Œstrus bovis*); or Warbles in hides: their history, life, prevention, *&c.* *pp. 15: text illust.* 8⁰. *London & Edinburgh* (1886).

WALKER (John) *Geographer* [1759-1830] Map of India, shewing the British territories . . . and including British Burmah, *&c.* [Scale 1 in. = 64½ m.] 4 sh. *See* India. [*Maps.*] 1885.

Walker (John) *Geographer* & (Charles) Introduction to the Study of Geology . . . to accompany the Geological Map of England and Wales . . . by J. and C. Walker. *See* Burr (F.) 8⁰. 1836.

WALKER (John) *Philologist* [1732-1807] A key to the classical pronunciation of Greek and Latin proper names, *&c.* *pp. xxxii, 168: 1 port.* 4⁰. *London*, 1798.

WALKER (John) *Professor of Natural History, Edinburgh* [1731-1803] Memoir of J. Walker. *See* Jardine (*Sir* W.) Birds of Great Britain and Ireland. Pt. 3. 8⁰. 1842.

—— [Second Issue.] 8⁰. [1845-46.]

WALKER (Mary Lily) [-1913] On the form of the quadrate bone in Birds. *See* Dundee.—University College. Studies from the Museum of Zoology, *&c.* No. I. 4⁰. 1888.

Walker (M. L.) On the larynx and hyoid of Monotremata. *See* Dundee.—University College. Studies from the Museum of Zoology, *&c.* No. III. 4⁰. 1889.

WALKER (Richard) [1791-1870] The Flora of Oxfordshire, and its contiguous counties, (comprising the Flowering Plants only ;) . . . preceded by an Introduction to Botany, *&c.* (Specimen of a proposed index to the Oxfordshire Flora, indicating the particular station of each plant, as well as the geological character of the spots in which it has been found. By Dr. Daubeny.) *pp. cxxxv, 336 : 12 pls.* 8⁰. *Oxford*, 1833.

WALKER (W.) [For official reports as Secretary to the Government Museum and Library Committee] *See* India. — *North Western Provinces and Oudh.* Selections from the Records, *&c.*

WALKER (W. C.) & **Chase** (H. H.) Notes on some new and rare Diatoms. 2 No.† *pp. 6 : 2 pls.* 4⁰. *Utica, New York & Flint, Mich.*, 1886, 87.

WALKER (Wilhelm) Die Obstlehre der Griechen und Römer, *&c. pp. viii, 357.* 8⁰. *Reutlingen*, 1845.

WALKER (William) British Guiana at the Paris Exhibition [1878], *&c. See* Paris.—*Exposition Universelle, 1878.* 8⁰. 1878.

WALKER-ARNOTT (George Arnott) *See* Arnott (G. A. W.)

WALKHOFF (Otto) Menschenaffen (Anthropomorphæ). Studien über Entwickelung und Schädelbau . . . Der Unterkiefer der Anthropomorphen und des Menschen in seiner funktionellen Entwickelung und Gestalt. (—Die diluvialen menschlichen Kiefer Belgiens und ihre pithekoiden Eigenschaften.) *See* Selenka (E.) Studien über Entwickelungsgeschichte der Thiere, *&c.* Hft. 9 & 11. 4⁰. 1902, 03.

Walkhoff (O.) Der Zahn von Sondé (ein fossiler Menschenzahn von Java). A. Odontologische und vergleichende Untersuchungen. *See* Selenka (M. L.) *Frau.* Die *Pithecanthropus*-Schichten . . . Ergebnisse der (Selenka-) Trinil-Expedition (1907 und 1908), *&c.* 4⁰. 1911.

WALL (A. J.) Indian snake poisons, their nature and effects. *pp. x [i,] 171 : 12 pls.* 8⁰. *London*, 1883.

WALL (George) [1822-1894] A Catalogue of the Ferns indigenous to Ceylon, *&c. See* W., G. 4⁰. 1873.

WALL (George Parkes) [For official reports in connection with the West Indian Geological Survey.] *See* Great Britain & Ireland.—*Geological Survey : West Indies.*

Wall (G. P.) & **Sawkins** (J. G.) Report on the Geology of Trinidad, *&c. See* Great Britain & Ireland. — *Geological Survey : West Indies.* Memoirs, *&c.* Pt. 1. 8⁰. 1860.

WALL (J. Sutton) Report on the Coal mines of the Monongahela River region . . . Pt. 1. Description of the Mines. *pp. xxxviii, 231 : 12 pls., 2 maps, text illust. See* Pennsylvania, *State of.—Second Geological Survey.* Reports of Progress. K⁴. 8⁰. 1884.

WALL (Wilhelm August) [1813-1861] Westmanlands Flora innefattande provinsen Westmanlands vilda Phanerogamer och Filices. *pp. [ii,] 142.* 8⁰. *Stockholm*, 1852.

WALL (William S.) History and description of the Skeleton of a new Sperm Whale, lately set up in the . . . Museum, *&c. See* Sydney.—*Australian Museum.* 8⁰. 1851.

—— [Another edition.] Reprinted, *&c. pp. [viii,] 65 : 4 pls. See* Sydney.—*Australian Museum.* Memoirs, *&c.* No. 1. 8⁰. 1887.

WALLACE (Alexander) [1829-1899] Notes on Lilies and their culture . . . by Messrs. Teutschel & Co. [By A. Wallace.] *See* Teutschel & Co. 8⁰. 1873.

—— Second edition . . . containing illustrations of all the chief Lilies in flower ; likewise of their bulb growth . . . a chapter on hybridisation ; valuable letters from foreign correspondents . . . Mr. Baker's Synopsis of the Genera ; fallacies of Dunedin, *&c. pp. [xi,] 215.* 8⁰. *Colchester*, 1879.

WALLACE (Alfred Russel) [1823-1913] A narrative of travels on the Amazon and Rio Negro, with an account of the native tribes and observations on the climate, geology, and natural history of the Amazon Valley. *pp. viii, 541 : 8 pls., 2 maps.* 8⁰. *London*, 1853.

Wallace (Alfred R.) Palm Trees of the Amazon and their uses. *pp. viii, 129 : 48 pls., 1 map.* 8⁰. *London*, 1853.

Wallace (Alfred R.) Catalogue of Hymenopterous Insects collected at Celebes by . . . A. R. Wallace. *See* Smith (F.) 8⁰. [1859.]

Wallace (Alfred R.) Catalogue of Hymenopterous Insects collected by . . . A. R. Wallace in the Islands of Mysol, Ceram, Waigiou, Bouru and Timor. *See* Smith (F.) 8⁰. [1863.]

Wallace (Alfred R.) Notes on the Geographical Distribution of the Aculeate Hymenoptera collected by . . . A. R. Wallace in the Eastern Archipelago. *See* Smith (F.) 8⁰. [1863.]

Wallace (Alfred R.) Description des Buprestides de la Malaisie recueillis par M. Wallace pendant son voyage dans cet Archipel. *See* Deyrolle (H. C.) 4⁰. 1864.

Wallace (Alfred R.) The Malay Archipelago : the land of the Orang-utan, and the Bird of Paradise. A narrative of travel, with studies of Man and Nature. 2 Vol. *illust.* 8⁰. *London*, 1869.

Wallace (Alfred R.) Contributions to the theory of Natural Selection. A series of essays. *pp. xvi, 384.* 8⁰. *London*, 1870.

Wallace (Alfred R.) The Geographical Distribution of Animals, with a study of the relations of living and extinct faunas as elucidating the past changes of the Earth's surface. 2 Vol. *illust.* 8⁰. *London*, 1876.

Wallace (Alfred R.) Lecture on the comparative antiquity of Continents as indicated by the distribution of living and extinct Animals. *pp. 32.* 8⁰. *London*, 1877.
Proc. Roy. Geog. Soc. Vol. xxi.

Wallace (Alfred R.) [Australasia. Edited and extended by A. R. Wallace, *&c. See* Stanford (E.) Stanford's Compendium of Geography and Travel, *&c.* 8⁰. 1878.]
Wanting.

—— Fourth edition. 8⁰. 1884.

—— —— New Issue. Australasia. Vol. I. 8⁰. 1893.

Wallace (Alfred R.) On Epping Forest and how best to deal with it. *pp. 18.* 8⁰. *London*, 1878.
Extracted from the "Fortnightly Review," Nov. 1878.

Wallace (Alfred R.) Tropical Nature and other Essays. *pp. xiii, 356.* 8⁰. *London*, 1878.

Wallace (Alfred R.) Islands, as illustrating the laws of the Geographical Distribution of Animals. *pp. 18. See* Science Lectures, *&c.* Ser. XI, no. 1. 8⁰. [1879.]

—— —— [Another edition.] 8⁰. [1885 ?]

Wallace (ALFRED R.) Island Life: or, the phenomena and causes of Insular Faunas and Floras, including a revision and attempted solution of the problem of Geological Climates. *pp. xvii, 526: 3 maps, text illust.* 8⁰. *London*, 1880.

—— Second . . . edition. *pp. xx, 563: 3 maps, text illust.* 8⁰. *London*, 1892.

Wallace (ALFRED R.) Darwinism: an exposition of the theory of Natural Selection with some of its applications. *pp. xvi, 494: 1 pl., 1 map, text illust.* 8⁰. *London*, 1889.

Wallace (ALFRED R.) The World of Life a manifestation of creative power, directive mind and ultimate purpose. *pp. xvi, 408: 20 pls., text illust.* 8⁰. *London*, 1910.

Wallace (ALFRED R.) [Original pencil-drawings of Fishes of the Rio Negro, made between 1850-52.] 4 Vol. obl. fol.

WALLACE (HAROLD FRANK) [1881-] The Big Game of Central and Western China: being an account of a journey from Shanghai to London overland across the Gobi desert. *pp. xviii, 318: 33 pls., 2 maps.* 8⁰. *London*, 1913.

WALLACE (JAMES) *M.A.* [-1688] A description of the Isles of Orkney . . . reprinted from the original edition of 1693 . . . with the additions made by the author's son [James Wallace, M.D.] in the edition of 1700. Edited [with an introduction] by J. Small. *pp. xxiv, 251: 3 pls., 2 maps.* 8⁰. *Edinburgh*, 1883.

WALLACE (JAMES) *M.D.* [fl.1684-1724] A description of the Isles of Orkney, by . . . J. Wallace [M.A.] . . . reprinted . . . with the additions made by the author's son, *&c.* *See* WALLACE (J.) *M.A.* 8⁰. 1883.

WALLACE (ROBERT) [-1858] & **others.** French and English Dictionary, *&c.* *See* LOLME (J. L. DE) *& others.* 8⁰. [1868.]

WALLACE (WILLIAM) [1832-] The Laws which regulate the deposition of Lead Ore in Veins; illustrated by an examination of the Geological structure of the Mining Districts of Alston Moor. *pp. xix, 258: 21 pls. (col.), 1 map geol. col.* 8⁰. *London*, 1861.

WALLACE (WILLIAM HENRY) The Progress of the Mineral Industry of Tasmania for the Quarter ending 31st March, 1912, *&c.* *See* TASMANIA.—*Department of Mines.* 8⁰. 1912.

WALLACH (OTTO) [1847-] *See* LIEBIG'S ANNALEN DER CHEMIE, *&c.* Herausgegeben von . . . O. Wallach. Bd. CCXCVII-CCCXXIV. 8⁰. 1897-1902.

WALLEM (FREDRIK M.) Notes on the Fish Supply of Norway. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1883.

WALLENBERG (GUSTAVUS) Dissertatio de foecundatione Plantarum, cujus partem primam . . . subjiciunt præses J. W. Zetterstedt . . . et respondens G. Wallenberg, *&c.* *See* ZETTERSTEDT (J. W.) 4⁰. [1810.]

WALLENGREN (HANS DANIEL JOHAN) [1823-1894] Skandinaviens Dagfjärilar.—Lepidoptera Scandinaviæ Rhopalocera, disposita et descripta. *pp. xx, 280 [2].* 8⁰. *Malmö*, 1853.

Wallengren (HANS D. J.) Kafferlandets Dag-Fjärilar, insamlade åren 1838-45 af J. A. Wahlberg, beskrifna af H. D. J. Wallengren. (Lepidoptera Rhopalocera, in Terra Caffrorum . . . collecta, *&c.*) *pp. 55.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. II, no. 4. 4⁰. 1857.

Wallengren (HANS D. J.) Skandinaviens Fjädermott (*Alucita*, Lin.), *&c.* *pp. 25.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. III, no. 7. 4⁰. 1860.

Wallengren (HANS D. J.) Lepidoptera. *See* SWEDEN. Kongliga Svenska Fregatten Eugenies Resa omkring jorden . . . åren 1851-53. Vetenskapliga iakttagelser, *&c.* Vol. II. Zoologi. 4⁰. [1861.]

Wallengren (HANS D. J.) Skandinaviens Heterocer-Fjärilar. — Lepidoptera Scandinaviæ Heterocera, disposita et descripta. 2 Del. [in 1 Vol.] 8⁰. *Lund*, 1863-85.

Wallengren (HANS D. J.) Heterocer-Fjärilar, samlade i Kafferlandet af J. A. Wahlberg, *&c.* *pp. 83.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. V, no. 4. 4⁰. 1865.

Wallengren (HANS D. J.) Skandinaviens Neuroptera. 2 Pt. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. IX, no. 8; XXIV, no. 10. 4⁰. 1871, 91.

Wallengren (HANS D. J.) Index specierum Noctuarum et Geometrarum in Scandinavia hucusque detectarum. *pp. 37.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. II, no. 4. 8⁰. 1874.

Wallengren (HANS D. J.) Species Tortricum et Tinearum Scandinaviæ, *&c.* *pp. 90.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. III, no. 5. 8⁰. 1875.

Wallengren (HANS D. J.) Ett försök att bestämma en del af de utaf H. Strøm beskrifna Norska Insekter. *pp. 31.* *See* CHRISTIANIA. — VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1880, no. 2. 8⁰. 1881.

WALLENGREN (HANS THURE SIGURD) Studier öfver Ciliata Infusorier. Pt. I, II & IV *illust.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXX, no. 6; XXXI, no. 7; XXXVI, no. 2. 4⁰. 1894-1900.

No. III does not seem to have been published.

Wallengren (HANS T. S.) *Pleurocoptes hydractiniæ*, eine neue ciliate Infusorie. *See* HULTH (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Wallengren (HANS T. S.) Bidrag till kännedomen om fam. Urceolarina, Stein. (Zusammenfassung.) *pp. 48 [5]: 2 pls., text illust.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXXIII, no. 8. 4⁰. 1897.

Wallengren (HANS T. S.) Zur Kenntnis der vergleichenden Morphologie der hypotrichen Infusorien. *pp. 31: text illust.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 2. 8⁰. 1900 (1901).

Wallengren (HANS T. S.) Zur Biologie der Muscheln, *&c.* 2 Pt. *illust.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Ser. II, bd. 1, no. 2. 4⁰. 1905.

WALLENIUS (CONRAD) Genera nova Plantarum . . . Part. VIII . . . submittit . . . C. Wallenius, *&c.* *See* THUNBERG (C. P.) Nova genera Plantarum, *&c.* 4⁰. [1798.]

WALLENIUS (JOHAN FREDERIC) [1765-1836] Dissertatio academica qua nova Ammeos species proponitur . . . præside J. F. Wallenio . . . offert J. A. Hoeckert, *&c.* *pp. 13.* 4⁰. *Aboæ*, 1810.

Wallenius (J. F.) Fauna Fennica, sive enumeratio Animalium, quæ alit terra Finlandiæ insulæque ei adjacentes, cujus partem primam, Mammalia et Aves complectentem, . . . præside J. F. Wallenio . . . exhibet P. U. Sadelin. *pp. 33.* 8⁰. *Aboæ*, 1810.

WALLER (Alfred R.) The Ferns of York . . . edited by . . . A. R. Waller, *&c.* *See* Ibbotson (H.) 8⁰. 1884.

WALLER (George A.) [For official reports as Assistant Government Geologist.] *See* Tasmania.—*Department of Mines.*

WALLER (Richard) The posthumous Works of R. Hooke . . . To these . . . is prefixt the Author's Life [and a Preface] . . . By R. Waller [who has also added notes throughout], *&c.* *See* Hooke (R.) fol. 1705.

WALLERANT (Frédéric Félix Auguste) [1858–] Étude stratigraphique & pétrographique de la région des Maures & de l'Estérel. *pp. viii, 214 : 9 pls., text illust.* 8⁰. *Rennes & Paris*, 1889.

Wallerant (F. F. A.) Traité de Minéralogie. *pp. 459 : text illust.* 8⁰. *Paris*, 1891.

Wallerant (F. F. A.) Groupements Cristallins. *pp. 81 : text illust.* 8⁰. [*Paris*,] 1899.
Forming a volume of the series entitled "Scientia."

Wallerant (F. F. A.) Cristallographie. Déformation des corps cristallisés, groupements, *&c.* *pp. iii, 523 : text illust.* 8⁰. *Paris & Liége*, 1909 [*i.e.* 1908].

Wallerant (F. F. A.) Exposé élémentaire des Lois de la Cristallographie géométrique. *pp. ii, 27 : text illust.* 8⁰. *Paris*, 1911.

WALLERIUS (Johan Gottschalk) [1709–1785] [Decades binæ Thesium Medicarum, quas . . . subjiciunt auctor J. G. Wallerius . . et respondens J. A. Darelius. *pp. 38.* 4⁰. *Upsaliæ*, 1741.]
Wanting.

—— [Re-issue.] *See* Linnæus (C.) [*Letters.*] Collectio epistolarum quas . . . edidit D. H. Stoever. 8⁰. 1792.
This contains Wallerius' celebrated attack on Linnæus.

Wallerius (J. G.) Mineralogia, eller Mineral-Riket, *&c.* *pp.* [*xxxvi*,] *479 : 1 pl.* 8⁰. *Stockholm*, 1747.

Wallerius (J. G.) [J. G. Wallerius, . . . Mineralogie, oder Mineralreich, von ihm eingeteilt und beschrieben. Ins Deutsche übersezt von J. D. Denso, *&c.* 8⁰. *Berlin*, 1750.]
Wanting.

—— Zweite Auflage. *pp.* [*xlviii*,] *600* [*31*] *: 1 pl.* 8⁰. *Berlin*, 1763.

Wallerius (J. G.) Minéralogie, ou description générale des substances du Règne Minéral . . . traduit de l'Allemand [par P. D. Baron von Holbach.] 2 Tom. *illust.* 8⁰. *Paris*, 1753.

Wallerius (J. G.) Specimen academicum de principiis vegetationis, cujus partem priorem . . præside J. G. Wallerio . . . sistit . . . J. Stenius, *&c.* *pp. 21.* 4⁰. *Holmiæ* [1751].

Wallerius (J. G.) Dissertatio gradualis, de Lapide Tonitruali, quam . . . moderante . . . J. G. Wallerio . . . offert A. N. Grönbergh, *&c.* *pp.* [*ii*,] *16.* 4⁰. *Upsaliæ* [1760].

Wallerius (J. G.) Dissertatio chemica, de origine oleorum in Vegetabilibus, quam . . . præside . . . J. G. Wallerio . . . submittit . . . G. Rothman, *&c.* *pp. 12.* 4⁰. *Upsaliæ*, 1761.

Wallerius (J. G.) Systema Mineralogicum, quo corpora mineralia . . . discribuntur, *&c.* 2 Vol. *illust.* 8⁰. *Holmiæ*, 1772–75.
With Latin, Swedish, French and German Indexes.

—— Editio altera. 2 Vol. *illust.* 8⁰. *Vindobonæ*, 1778.

Wallerius (J. G.) Brevis Introductio in Historiam Litterariam Mineralogicam atque methodum Systemata Mineralogica rite condenda, una cum Supplementis. *pp. 194.* 8⁰. *Holmiæ, &c.*, 1779.

Wallerius (J. G.) Meditationes physico-chemicæ de Origine Mundi, imprimis Geocosmi ejusdemque Metamorphosi, *&c.* *pp.* [*iv*,] *242 : 1 pl.* 8⁰. *Stockholmiæ & Upsaliæ*, 1779.

WALLICH (George Charles) [1815–1899] Descriptions of Desmidiaceæ from Lower Bengal. *pp. 24 : 4 pls.* 8⁰. *London*, 1860.
Ann. & Mag. Nat. Hist. Ser. III, vol. v.

Wallich (G. C.) Notes on the presence of Animal Life at vast depths in the sea, *&c.* *pp. 38.* 8⁰. *London*, 1860.
Printed for private circulation.
The author's own copies, with his manuscript notes, are also kept in the Zoological Department.

Wallich (G. C.) On the Siliceous Organisms found in the digestive cavities of the Salpæ, and their relation to the Flint Nodules of the Chalk. *pp. 20 : 1 pl.* [8⁰. *London*, 1860.]
Trans. Micro. Soc. Vol. viii.
Author's own copy, with his manuscript notes.

Wallich (G. C.) The North-Atlantic sea-bed : comprising a diary of the voyage on board H.M.S. Bulldog, in 1860; and observations on the presence of animal life, and the formation and nature of organic deposits, at great depths in the Ocean, *&c.* Pt. I.† *pp. 160 : 6 pls., 1 map.* 4⁰. *London*, 1862.
Author's own copy with his manuscript notes. The text ends abruptly with p. 156 : all the plates are wanting.

Wallich (G. C.) On the extent, and some of the principal causes of structural variation among the Difflugian Rhizopods. *pp. 31 : 2 pls.* 8⁰. [*London*, 1864.]
Ann. & Mag. Nat. Hist. Ser. III, vol. xiii.

Wallich (G. C.) Deep sea researches on the biology of Globigerina. *pp.* [*iv*,] *75 : 1 pl.* 8⁰. *London*, 1876.
A set of the final proof sheets with manuscript notes by the author is in the Zoological Department.

Wallich (G. C.) [Original manuscript notes and drawings descriptive of the results of dredging during August, 1860, when on H.M.S. Bulldog, off the south-west coast of Greenland.] *pp. 17–34* [+ *12*]. 8⁰. [1860.]

Wallich (G. C.) [Autograph.] On the Flint Veins, or Fissure Flints, of the Upper Chalk. *foll. 5.* 4⁰. [ ]

WALLICH (Nathanael) formerly **Nathan Wolff** [1786–1854] Flora Indica . . . to which are added descriptions of Plants more recently discovered by N. Wallich, *&c.* *See* Roxburgh (W.) 8⁰. 1820–24.

—— [Another edition.] 8⁰. 1832.

—— [Reprint.] 4⁰. 1874.

Wallich (N.) Tentamen Floræ Napalensis illustratæ. Consisting of botanical descriptions and . . . figures of select Nipal Plants. *pp. 64 : 50 pls.* fol. [*Calcutta*, 1824–] 1826.

Wallich (N.) Prodromus Floræ Nepalensis . . . accedunt Plantæ a [N.] Wallich nuperius missæ, *&c.* *See* Don (D.) 8⁰. 1825.

Wallich (N.) A numerical List of dried specimens of Plants in the East India Company's Museum, collected under the superintendence of Dr. Wallich. [By N. Wallich, assisted by G. Bentham.] *foll. 306.* fol. [*London*, 1828–49.]

Lithographed (double column) from the holographs of the compilers.

Wallich (N.) Plantæ Asiaticæ Rariores; or descriptions and figures of a select number of unpublished East Indian Plants. 3 Vol. *illust. col.* fol. *London*, 1830–32.

Wallich (N.) List of Indian Woods collected by N. Wallich. *pp. 41* [*2*]. 8⁰. [*London*, 1831.]

Trans. Soc. Arts. Vol. XLVIII.
The native and scientific names were supplied by Dr. Wallich.

Wallich (N.) Rumphia, sive commentationes botanicæ imprimis de Plantis Indiæ orientalis ... quæ in libris ... Wallichii ... recensentur. 4 Vol. *See* BLUME (K. L.) fol. 1835–48.

Wallich (N.) Anotationes quædam de familia Elæocarpeacearum specierumque nonnullarum generum et Elæocarporum et Monocerarum descriptiones, secundum specimina ex herbario Wallichiano sumpta, *&c.* *See* MUELLER (C.) *Editor of Walper's Annales.* 8⁰. 1849.

WALLIN (G.) Om egendomliga innehållskroppar hos Bromeliaceerna. *pp. 18. See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXXV, no. 2. 4⁰. 1899.

WALLIS. *See* VALAIS.

WALLIS (ANTHONY) The Flora of the Cambridge district. *See* MARR (J. E.) Handbook to the Natural History of Cambridgeshire, *&c.* 8⁰. 1904.

WALLIS (HENRY RICHARD) [1866–] The Handbook of Uganda. *pp. xix, 220 : 12 pls., 1 map, text illust.* 8⁰. *London*, 1913.

WALLIS (JOHN) *County Historian* [1714–1793] The Natural History and Antiquities of Northumberland and of so much of the County of Durham as lies between the Rivers Tyne and Tweed; commonly called North Bishoprick. 2 Vol. *illust.* 4⁰. *London*, 1769.

WALLIS (JOHN) *Timber Surveyor.* Dendrology; in which are facts, experiments, and observations, demonstrating that trees and vegetables derive their nutriment independently of the Earth, *&c.* *pp. xii, 75 : 1 pl.* 8⁰. *London*, 1833.

WALLIS (SAMUEL) [1728–1795] An account of a Voyage round the World, in ... 1766, 1767, and 1768. *See* HAWKESWORTH (J.) An account of the Voyages, undertaken ... for making discoveries in the southern hemisphere, *&c.* [Second edition.] Vol. I. 4⁰. 1773.

Wallis (S.) Voyage ... round the World. (1766–68.) *See* MOORE (J. H.) A ... Collection of Voyages and Travels, *&c.* Vol. I. fol. [1780 ?]

Wallis (S.) An account of a voyage round the World, in ... 1766–68. *See* KERR (R.) A general ... Collection of Voyages and Travels, *&c.* Vol. XII. 8⁰. 1824.

WALLMAN (JOHAN HAQVIN) [1792–1853] De systematibus Vegetabilium, qua ratione œconomicæ scientiæ profuerint. Dissertatio, *&c.* 2 Pt. *pp. 16.* 4⁰. *Upsaliæ*, 1815.

Tentamen I. Subjiciunt ... J. H. Wallman & S. Wænerberg.
,, II. ,, ,, ,, ,, J. Hagdahl.

Wallman (J. H.) Försök till en systematisk uppställning af Växtfamiljen Characeæ. *pp. 103.* 8⁰. *Stockholm*, 1853.

K. Vet.-Akad. Handl. Stockholm 1852 (1854).

Wallman (J. H.) Essai d'une exposition systématique de la famille des Characées, par ... J. Wallman; traduit du Suédois par ... W. Nylander, *&c.* *pp. 91.* 8⁰. *Bordeaux*, 1856.

Actes Soc. Linn. Bordeaux. Tom. XXI.

WALLNER (SAMUEL) Genera nova Plantarum ... Pt. XI ... submittit S. Wallner, *&c.* *See* THUNBERG (C. P.) Nova genera Plantarum, *&c.* 4⁰. [1800.]

WALLON (E.) Questions de Pêche et d'Aquiculture fluviales et maritimes. *pp. 200.* 8⁰. *Montauban*, 1868.

WALLROTH (CARL FRIEDRICH WILHELM) [1792–1857] Geschichte des Obstes der Alten. Hft. I.† *pp. xviii, 142.* 8⁰. *Halle*, 1812.

Wallroth (C. F. W.) F. G. Wallroth ... Annus Botanicus, sive supplementum tertium ad C. Sprengelii Floram Halensem. Cum tractatu (de *Chara* algarum genere), *&c.* *pp. xxx, 200 : 6 pls.* 8⁰. *Halæ*, 1815.

Wallroth (C. F. W.) F. G. Wallroth ... Schedulæ criticæ de Plantis Floræ Halensis selectis. Corollarium novum ad C. Sprengelii Floram Halensem, *&c.* Tom. I.† Phanerogamia. *pp. 516 : 5 pls.* 8⁰. *Halæ*, 1822.

Wallroth (C. F. W.) Orobanches generis Διασκευη, *&c.* *pp. 80.* 8⁰. *Francofurti ad Mœnum*, 1825.

Wallroth (C. F. W.) Naturgeschichte der Flechten. Nach neuen Normen und in ihrem Umfange, *&c.* 2 Thl. 8⁰. *Frankfurt am Main*, 1825–27.

Wallroth (C. F. W.) Rosæ Plantarum generis historia succincta, *&c.* *pp. xii, 311.* 8⁰. *Nordhusæ*, 1828.

Wallroth (C. F. W.) Naturgeschichte der Säulchen-Flechten; oder monographischer Abschluss über die Flechten-Gattung *Cenomyce Acharii.* *pp. vi, 198.* 8⁰. *Naumburg*, 1829.

Wallroth (C. F. W.) Flora Cryptogamica Germaniæ. 2 Vol. *See* BLUFF (M. J.) & FINGERHUTH (C. A.) Compendium Floræ Germanicæ. Tom. III & IV. 12⁰. 1831–33.

Wallroth (C. F. W.) Erster Beitrag zur Flora Hercynica. 2 Abth. *pp. 334.* 8⁰. *Halle*, 1840.

Wallroth (C. F. W.) Beiträge zur Botanik. Eine Sammlung monographischer Abhandlungen über besonders schwierige Gewächsgattungen der Flora Deutschlands, *&c.* Bd. I, hft. 1 & 2.† *pp. vi, 252 : 3 pls. col.* 8⁰. *Leipzig*, 1842 [–44].

WALLROTH (FREDERICUS GUILL.) *See* WALLROTH (CARL F. WILHELM)

WALLSTRÖM (OL. ANDR.) Plantarum Japonicarum novæ species ... p.p. O. A. Wallström. *See* THUNBERG (C. P.) 4⁰. [1824.]

WALMSTEDT (LARS EDVARD) [1819–1892] Mineral-Analytiska Studier. Afhandling, *&c.* 2 Pt. *pp. 38.* 8⁰. *Upsala*, 1848–49.

Pt. I. Under inseende af L. P. Walmstedt ... utgifven af författaren L. E. Walmstedt.
,, II. Af L. E. Walmstedt ... och E. Sköldberg.

Walmstedt (LARS E.) Analytiska undersökningar af Svenska Mineralier och med tillämpning af theorien om polymer Isomorphi sammanställda, *&c.* *pp. 20. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. III, no. 3. 4⁰. 1859.

WALMSTEDT (LARS PETER) [1782–1858] Mineral-analytiska Studier. Afhandling . . . under inseende af L. P. Walmstedt, *&c.* Pt. I. *See* WALMSTEDT (L. E.) 8⁰. 1848.

Walmstedt (LARS P.) *See* AFHANDLINGAR I FYSIK, KEMI OCH MINERALOGI. Utgifne af . . . P. Walmstedt. Dl. IV–VI. 8⁰. 1815–18.

WALPERS (WILHELM GERHARD) [1816–1853] Animadversiones criticæ in Leguminosas Capenses Herbarii Regii Berolinensis. Dissertatio inauguralis, *&c. pp. 99.* 8⁰. *Halis*, 1839.

Walpers (W. G.) Repertorium Botanices Systematicæ. Tom. I–VI [*continued as :*] Annales Botanices Systematicæ auctore G. G. Walpers. Tom. I–III. *See* WALPERS ANNALES BOTANICES SYSTEMATICÆ. 8⁰. 1842–53.

Walpers (W. G.) [Lists and descriptions of Plants collected during the Voyage.] *See* MEYEN (F. J. F.) Reise um die Erde . . . 1830–32, *&c.* [Thl. IV.] 4⁰. 1843.

WALPERS ANNALES BOTANICES SYSTEMATICÆ.

Repertorium Botanices Systematicæ. Auctore G. G. Walpers. Tom. I–VI. 8⁰. *Lipsiæ*, 1842–48.

The Index to the whole series is reckoned as part of Vol. IV.

Tom. III–VI have secondary titles as under :—

Tom. III. Synopsis Solanacearum, Scrophularinarum, Orobanchearum et Labiatarum in botanicorum scriptis ad hunc diem editis descriptarum. 1844–45.

,, IV. Synopsis Verbenacearum, Myoporinearum, Selaginearum, Stilbinearum, Globulariearum et Plantaginearum omnium ad Annum 1844 cognitarum . . . Additus est Index, *&c.* 1844–48.

,, V. Synopsis Plantarum exogenearum Dialypetalarum omnium inde ab anno 1843 detectarum, exhibens Supplementum tertium ad ordines XCVI priores vegetabilium in Prodromo Candolleano descriptorum. 1845–46.

,, VI. Synopsis Plantarum exogenearum Gamopetalarum post Prodromi Candolleani tomum decimum et Repertorii Botanices Systematicæ fasciculum decimum sextum editos detectarum. 1846–47.

[*Continued as :*]

Annales Botanices Systematicæ. Auctore G. G. Walpers. Tom. I–III. 8⁰. *Lipsiæ*, 1848–53.

Tom. I. Synopsis Plantarum Phanerogamicarum novarum omnium per annos 1846 & 47 descriptarum. 1848–49.

,, II. Synopsis Plantarum Phanerogamicarum Thalamiflorarum et Calyciflorarum omnium per annos 1848–50 descriptarum. 1851–52.

,, III. Synopsis Plantarum Phanerogamicarum Corolliflorarum, Monochlamydearum et Monocotyledonearum omnium per annos 1848–50 descriptarum. (Addenda.) 1852–53. [The Orchidaceæ were by H. G. Reichenbach.]

[*Continued as :*]

Walpers Annales Botanices Systematicæ. Auctore C. Mueller. Tom. IV–VII.† 8⁰. *Lipsiæ*, 1857–68.

Tom IV. Synopsis Plantarum Phanerogamicarum novarum omnium per annos 1851–55 descriptarum. 1857.

,, V. —— 1858.

,, VI. —— 1861.

[The Orchidaceæ were by H. G. Reichenbach.]

,, VII. Addenda ad Litteraturam Botanicam annorum 1856–66. 1868.

WALPERT (H.) Alphabetisch-synonymisches Wörterbuch der Deutschen Pflanzennamen, sowie der Pflanzlichen Erzeugnisse, mit Angabe der systematischen Namen der Pflanzen. Ein Handbuch, *&c. pp. viii, 205.* 8⁰. *Magdeburg*, 1852.

Walpert (H.) Synonyme der Phanerogamen und cryptogamischen Gefässpflanzen welche in Deutschland und in der Schweiz wild wachsen. *pp. 309.* 8⁰. *Lissa*, 1855.

WALPOLE (ROBERT) [1781–1856] Travels in various countries of the East ; being a continuation of Memoirs relating to European and Asiatic Turkey, &c. Edited by the Rev. R. Walpole. (Appendix.) *pp. xxi, 603, 8 : 13 pls., 1 map.* 4⁰. *London*, 1820.

Contains, *inter alia* :—

I. On the Tar Springs of Zante. By Mr. Hawkins.
II. Voyage in the Grecian Seas. By Dr. Sibthorp.
IV. Second Voyage in the Grecian Seas. By Dr. Sibthorp.
V. Lemnos. By Dr. Hunt.
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XXV. Remarks relating to the Natural History of parts of European Turkey. By Dr. Sibthorp.

WALPOLE (*Sir* SPENCER) *K.C.B.* [1839–1907] [For official reports as Inspector of Fisheries] *See* GREAT BRITAIN & IRELAND.—*Fishery Reports.*

WALSER (EDUARD) Untersuchungen über die Wurzel-Ausscheidung . . Inaugural Dissertation . . . unter dem Präsidium von H. Mohl vorgelegt von E. Walser, *&c. pp. 48.* 8⁰. *Tübingen*, 1838.

WALSH (BENJAMIN DANN) [1808–1869] *See* AMERICAN ENTOMOLOGIST, *The* . . . Edited by B. D. Walsh, *&c.* Vol. I. 4⁰. 1868.

Walsh (B. D.) The more important writings of B. D. Walsh. *See* UNITED STATES.—*Department of Agriculture.—Division of Entomology.* Bibliography of . . . American economic Entomology. Pt. 1 & 2. 8⁰. 1889.

WALSH (JOHN HENRY) [1810–1888] The Dogs of the British Islands. Being a series of articles on the points of their various breeds . . . Fourth edition. *pp. xii, 266 : 51 pls.* 4⁰. *London*, 1882.

The first edition, reprinted from the "Field," appeared in 1872.

WALSH (ROBERT) [1772–1852] Notices of Brazil in 1828 and 1829. 2 Vol. *illust.* 8⁰. *London*, 1830.

WALSINGHAM, *Lord.*
See DE-GREY (T.) *Baron Walsingham.*

WALTENBERGER (A.) Die Rhätikon-Kette, Lechthaler- und Voralberger Alpen, *&c. pp. 40 : 3 maps. See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. IX, no. 40. 4⁰. 1875.

WALTER ( ) Ueber die Abnahme der vulkanischen Thätigkeit in historischen Zeiten. 4⁰. *Berlin*, 1843.

Zu den Schul-Feierlichkeiten K. Friedrich-Wilhelms-Gymnasium. *pp. 16–28.*

WALTER (EMIL) Der Flussaal : eine biologische und fischereiwirtschaftliche Monographie. *pp. xi [i], 346 : text illust.* 8⁰. *Neudamm*, 1910.

WALTER (GEORG) Ueber die braunwandigen, sklerotischen Gewebeelemente der Farne, mit besonderer Berücksichtigung der sog. "Stützbündel" Russow's. *pp. 21 : 3 pls. col. See* BIBLIOTHECA BOTANICA. Hft. 18. 4⁰. 1890.

WALTER (HANS) Phytolaccaceæ. *pp. 154 : text illust. See* ENGLER (H. G. A.) Das Pflanzenreich, *&c.* Hft. 39 (IV. 83). 8⁰. 1909.

WALTER (HERBERT EUGENE) The behavior of the Pond Snail, *Lymnæus elodes*, Say. *pp. 35. See* BROOKLYN INSTITUTE OF ARTS AND SCIENCES. Cold Spring Harbor Monographs. No. 6. 8⁰. 1906.

WALTER (JOHANN ERNST CHRISTIAN) [1800?–1861] Pragtfugle og Pattedyr i colorerede Afbildninger, *&c.* —Prachtvögel und Säugethiere, *&c.* Hft. I & II *illust. col.* fol. *Kjöbenhavn*, 1828.
Wanting hft. III–VI.

Walter (J. E. C.) Nordisk Ornithologie, eller troværdige efter Naturen egenhændig tegnede, stukne og colorerede Afbildninger af Danske, Færöiske, Grönlandske og Islandske Fugle med Tydsk og Dansk Beskrivelse, *&c.*—Nordische Ornithologie, *&c.* *60 pls. col., with descriptive letterpress.* fol. *Kjöbenhavn*, 1828 (–29).
Danish and German in parallel colum.n.

—— Ny Fölge. *60 pls. col., with descriptive letterpress.* fol. *Kjöbenhavn*, 1832 (–33).

WALTER (OTTO) [1857–] Petrographische Studien an Gesteinen der Insel Hierro. Inaugural-Dissertation, *&c.* *pp. 125 : 3 pls.* 8⁰. *Halle S.*, 1894.

WALTER (THOMAS) [1740–1788] Flora Caroliniana . . . adumbrationes Stirpium plus mille continens: necnon, generibus novis non paucis, speciebus plurimis novisq. ornata. *pp. viii, 263 : 1 pl.* 8⁰. *Londini*, 1788.

WALTERSHAUSEN (WOLFGANG SARTORIUS VON) *Baron.* *See* SARTORIUS VON WALTERSHAUSEN.

WALTHAMSTOW NATURAL HISTORY AND MICROSCOPICAL SOCIETY.
[Founded 1880.]
Annual Report, *&c.* No. 2 & 3. 12⁰. *Walthamstow*, 1882–83.

WALTHER (ALEXANDER) & **Molendo** (L.) Die Laubmoose Oberfrankens. Beiträge zur Pflanzengeographie und Systematik und zur Theorie vom Ursprunge der Arten, *&c.* *pp. vii, 279.* 8⁰. *Leipzig*, 1868.

WALTHER (AUGUSTINUS FRIDERICUS) [1688–1746] Designatio Plantarum quas hortus A. F. Waltheri . . . complectitur. Accedunt novæ Plantarum icones, *&c.* *pp. [iv,] 171 : 24 pls.* 8⁰. *Lipsiæ*, 1735.

Walther (AUGUSTINUS F.) Facultatis medicæ . . . Pro-Cancellarius D. A. F. Walther . . . de Plantarum structura disserit, *&c.* *pp. 16.* 4⁰. [*Leipsic*,] 1740.

Walther (AUGUSTINUS F.) Facultatis medicæ . . Procancellarius D. A. F. Walther . . . de Silphio in veterum nummis ac diversis Plantæ speciebus disserit, *&c.* *pp. xxiv.* 4⁰. [*Leipsic*, 1746.]

WALTHER (FRIEDRICH LUDWIG) [1759–1824] F. L. Walthers . . . Flora von Giessen und der umliegenden Gegend, *&c.* *pp. viii, 704, xvii : 1 plan.* 8⁰. *Giessen und Darmstadt*, 1802.

Nomenclator zu F. L. Walther's Flora von Giessen, 1802. *See* HOFFMANN (H. C. H.) 8⁰. 1849.

WALTHER (ISRAEL) Von den Rebenstichern. [Preisschrift.] *See* MANNHEIM.—ACADEMIA ELECTORALIS SCIENTIARUM ET ELEGANTIORUM LITERARUM THEODORO-PALATINÆ. 8⁰. 1767.

WALTHER (JOANNES FRIDERICUS) Dissertatio inauguralis medica de Colocynthide, quam . . . defendet J. F. Walther, *&c.* *See* SCHULZE (J. H.) 4⁰. [1734.]

WALTHER (JOHANNES KUNO) [1860–] Die Korallenriffe der Sinaihalbinsel. Geologische und biologische Beobachtungen. *pp. 69 [1] : 7 pls. (5 col.), 2 maps (1 geol. col.), text illust.* *See* LEIPSIC. — KOENIGLICH SAECHSISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XIV. 4⁰. 1888.

Walther (JOHANNES K.) Die Adamsbrücke und die Korallenriffe der Palkstrasse. Sedimentstudien im tropischen Litoralgebiet. *pp. 40 : 1 map.* *See* PETERMANNS MITTEILUNGEN, *&c.* Ergänzbd. XXII, no. 102. 4⁰. 1891.

Walther (JOHANNES K.) Die Denudation in der Wüste und ihre geologische Bedeutung. Untersuchungen über die Bildung der Sedimente in den Aegyptischen Wüsten. *pp. 225 [1] : 8 pls., text illust.* *See* LEIPSIC. —KOENIGLICH SAECHSISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XVI. 4⁰. 1891.

Walther (JOHANNES K.) Einleitung in die Geologie als historische Wissenschaft.—Beobachtungen über die Bildung der Gesteine und ihrer organischen Einschlüsse. 3 Thl. *pp. xxx, viii, 1055 : text illust.* 8⁰. *Jena*, 1893–94.

Walther (JOHANNES K.) Das Gesetz der Wüstenbildung in Gegenwart und Vorzeit. *pp. xiv, 175 : 28 pls., text illust.* 8⁰. *Berlin*, 1900.

—— Zweite . . . Auflage. *pp. xv, 342 : 1 pl., text illust.* 8⁰. *Leipzig*, 1912.

Walther (JOHANNES K.) Geologische Heimatskunde von Thüringen. *pp. viii, 176 : text illust.* 8⁰. *Jena*, 1902.

Walther (JOHANNES K.) Die Fauna der Solnhofener Plattenkalke. Bionomisch betrachtet. *See* JENA. — MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. XI. 4⁰. 1904.

Walther (JOHANNES K.) Geschichte der Erde und des Lebens. *pp. iv, 570 [1] : text illust.* 8⁰. *Leipzig*, 1908.

Walther (JOHANNES K.) Die Sedimente der Taubenbank im Golfe von Neapel. *pp. 49 : 2 maps (1 col.)* *See* BERLIN.—KOENIGLICH-PREUSSISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* 1910, Anhang, abh. 3. 4⁰. 1910.

WALTL (JOSEPH) Reise durch Tyrol, Oberitalien und Piemont nach dem südlichen Spanien . . . nebst einem Anhange zoologischen Inhalts. 2 Thl. [in 1.] 12⁰. *Passau*, 1835.
Thl. II is entitled :–" Ueber die Thiere Andalusiens."

WALTON (ELIJAH) [1832–1880] The Camel: its anatomy, proportions, and paces. *pp. 39 : 95 pls.* fol. *London*, 1865.

WALTON (JOHN) [1784–1862] On the British Insects of the family Curculionidæ, *&c.* *pp. 120 : 1 pl.* 8⁰. *London*, 1844 [*i.e.* 1852].
Under the above collective title are included the following papers, reprinted from the "Annals & Magazine of Natural History." The date on the title-page is an error for "1852."

	Ann. Mag. Nat. Hist.
1. Notes on the Coleopterous genus of Insects, *Rhynchites* of Herbst.	Ser. I, vol. XIII, 1844. pp. 81–89.
2. Notes on British species of the genus *Bruchus*, with descriptions of two species not hitherto recorded as indigenous.	Ser. I, vol. XIII, 1844. pp. 206–212.
3. Notes on the synonymy of the genus *Apion*, with descriptions of new species, *&c.*	Ser. I, vol. XIII, 1844, pp. 444–457; vol. XV, 1845, pp. 331–342 & 392–401.
4. Notes . . . on the genera of Insec's *Oxystoma* and *Magdalis*.	Ser. I, vol. XVI, 1845. pp. 221–227.
5. Notes. . . on the genera of Insects *Phyllobius*, *Polydrosus*, and *Metallites*.	Ser. I, vol. XVII, 1846. pp. 12–20.
6. Notes on the genus of Insects *Sitona*, with descriptions of two new species.	Ser. I, vol. XVII, 1846. pp. 227–235.
7. Notes . . . on the genera of Insects *Cneorhinus* and *Strophosomus*, with descriptions of two new species.	Ser. I, vol. XVII, 1846. pp. 304–310.
8. Notes on the genus of Insects *Trachyphlœus*, with descriptions of new species.	Ser. I, vol. XIX, 1847. pp. 217–223.
9. Notes on the genus of Insects *Omias*, with descriptions of new species.	Ser. I, vol. XIX, 1847. pp. 314–317.
10. Notes on the genus of Insects *Otiorhynchus*, with descriptions of new species,	Ser. I, vol. XIX, 1847. pp. 445–453.

[**Walton** (John) On the British Insects of the family Curculionidæ, *&c.* (contd.)]

	Ann. Mag. Nat. Hist.
11. Notes . . . on the genera of Insects *Pissodes*, *Hypera*, *&c.*; with descriptions of several new species.	Ser. II, vol. I, 1848. pp. 295–303.
12. Notes . . . on the genus of Insects *Anthonomus*; with a description of one new species.	Ser. II, vol. I, 1848. pp. 416–419.
13. Notes . . on the genera of Insects *Erirhinus*, *Notaris*, and *Procas*; with descriptions of two new species.	Ser. II, vol. II, 1848. pp. 166–169.
14. Notes on the British species of Curculionidæ belonging to the genera *Dorytomus* and *Elleschus*.	Ser. II, vol. VII, 1851. pp. 310–318.
15. Descriptions of two new British genera of Insects, and of two new species belonging to the family Curculionidæ.	Ser. II, vol. IX, 1852. pp. 204–206.

Walton (J.) List of British Curculionidæ, with synonyma. *See* British Museum (Natural History).—*Zoology.* [*British.*] 12⁰. 1856.

WALTON (William) [1784–1857] An historical and descriptive account of the four species of Peruvian Sheep, called Carneros de la Tierra; to which are added, particulars respecting the domestication of the two wild species, and the experiments hitherto made by the Spaniards, to cross the respective breeds, to improve their wools, *&c.* *pp. 183 : 1 pl. col.* 8⁰. *London*, 1811.

Walton (W.) A memoir . . . on the naturalization of the Alpaca, *&c.* *See* Natural History Society of Liverpool. 8⁰. 1841.

Walton (W.) The Alpaca, its naturalization in the British Isles considered as a national benefit, and as an object of immediate utility to the farmer and manufacturer. *pp. iv, 199 : 1 pl. engr. title.* 8⁰. *Edinburgh & London*, 1844.

WALVISCHVANGST, De. De Walvischvangst, met veele byzonderheden daartoe betrekkelyk. 4⁰ Deel. *illust.* 8⁰. *Amsterdam*, 1784–86.

Vol. IV is devoted to a description of the Herring Fishery.

Walvischvangst, De. Histoire des Pêches, des découvertes et des établissemens des Hollandois dans les Mers du Nord; ouvrage traduit du Hollandois . . . enrichi de notes . . . par . . . B. de Reste. 3 Tom. *illust.* 8⁰. *Paris*, An. IX [1801].

WALZ (Rudolf) Ueber die Familie der Bopyriden mit besonderer Berücksichtigung der Fauna der Adria. *pp. 76 : 4 pls.* *See* Vienna.—Kaiserlich-koenigliche Universitaet. Arbeiten aus dem Zoologischen Institut, *&c.* Tom. IV, hft. 2. 8⁰. 1882.

WANDEL (Carl Friedrich) [1843–] [Report of the Voyage of the Ingolf.] *pp. 21 : 1 pl.* *See* Denmark.—*Ingolf-Expedition.* The Danish Ingolf-Expedition, *&c.* Vol. I, pt. 1. 4⁰. 1899.

Wandel (C. F.) Iagttagelser over Overfladevandets Temperatur, Saltholdighed og Plankton paa Islandske og Gronlandske Skibsrouter i 1899 foretagne under Ledelse af C. F. Wandel, *&c.* *See* Knudsen (M.) & Ostenfeld (C.) 8⁰. 1900.

WANDERER (Karl) [1876–] Die wichtigsten Tierversteinerungen aus der Kreide des Königreiches Sachsen. *pp. xxii, 80 [1], 1 tab. : 12 pls., text illust.* 8⁰. *Jena*, 1909.

WANDOLLECK (Benno) Zur Anatomie der cycloraphen Dipterenlarven. Anatomie der Larve von *Platycephala planifrons* (F.). *pp. 39 : 2 pls., text illust.* *See* Dresden.—*Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen und Berichte, *&c.* Bd. VIII, no. 7. 4⁰. 1899.

Wandolleck (B.) Zur Kenntniss der Gattung *Draco*, L. *pp. 16 : 1 pl.* *See* Dresden.—*Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen, *&c.* Bd. IX, no. 3. 4⁰. (1900–) 1901.

Wandolleck (B.) Einige neue und weniger bekannte Batrachier von Brasilien. *pp. 15 : 1 pl. col., text illust.* *See* Dresden.—*Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen, *&c.* Bd. XI, no. 1. 4⁰. 1907.

Wandolleck (B.) Die Amphibien und Reptilien der Papuanischen Ausbeute Dr. Schlaginhaufens. *pp. 15 : 1 pl., text illust.* *See* Dresden.—*Koenigliches Zoologisches und Anthropologisch-Ethnographisches Museum.* Abhandlungen, *&c.* Bd. XIII, no. 6. 4⁰. 1911.

WANGANUI, *New Zealand.*—**Wanganui Public Museum.** [Founded 1895.]
Annual Report, *&c.* No. 14 & 17. 8⁰. *Wanganui, N.Z.*, 1909, 12.

WANGEMANN (Hermann Theodor) [1818–] Die Transvaal'sche . . . Republik beschrieben von F. Jeppe . . . Nebst einem Anhang: Dr. Wangemann's Reise in Süd-Afrika, 1866–67, *&c.* *pp. 23 : 1 map.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. V, no. 24. 4⁰. 1868.

WANGENHEIM (Friedrich Adam Julius von) [1747–1800] Beschreibung einiger Nordamericanischen Holz- und Buscharten, mit Anwendung auf Teutsche Forsten, *&c.* *pp. 151 [9].* 8⁰. *Göttingen*, 1781.

Wangenheim (F. A. J. von) Beytrag zur Teutschen Holzgerechten Forstwissenschaft, die Anpflanzung Nordamericanischer Holzarten, mit Anwendung auf Teutsche Forste, *&c.* *pp. xlv, 124 [8] : 31 pls.* fol. *Göttingen*, 1787.

WANGERIN (Walther) [1884–]
Garryaceæ. *pp. 18 : text illust.*
Nyssaceæ. *pp. 20 : text illust.*
Alangiaceæ. *pp. 25 : text illust.*
Cornaceæ. *pp. 110 : text illust.*
See Engler (H. G. A.) Das Pflanzenreich, *&c.* Hft. 41 (IV. 56a; 220a & b; 229). 8⁰. 1910.

WANING (J. I. van) Catalogue descriptif d'une collection de 100 échantillons de Bois de la Colonie de Suriname . . . exposée par J. I. van Waning. *See* Paris.—*Exposition Universelle, 1878.* 8⁰. 1878.

WANKEL (Heinrich) [–1897] Die prähistorische Jagd in Mähren. *pp. 81 [2] : 8 pls., text illust.* 8⁰. *Olmütz*, 1892.

WÄNNMAN (Carolus Henricus) Flora Capensis, quam . . . submittit C. H. Wännman, *&c.* *See* Linnæus (C.) [*Theses & Orations.*] 4⁰. [1759.]

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. V, no. 95. 8⁰. 1760.

—— —— Editio secunda, *&c.* 8⁰. 1788.

WARBURG (Otto) [1859–] Ueber die nutzbaren Muskatnüsse. *pp. 19 : 1 pl.* 8⁰. *Berlin*, 1892.

Ber. Pharmaceut. Gesell. Berlin. Jahrg. II.

Warburg (O.) [For descriptions of several families of Plants.] *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. III, abth. 5 & 6. 1893–95.

Warburg (O.) Die Palmen (—Die Bananen.—Die essbaren Früchte.—Die Genussmittel Ostafrikas und ihre Verwerthung. [Also descriptions of many families of East African Plants.] *See* DEUTSCH-OST-AFRIKA, *&c.* Bd. v, thl. B, no. 1, 3, 7, 8 (& thl. c). 8⁰. 1895.

Warburg (O.) Monographie der Myristicaceen. *pp. 680 : 25 pls., text illust. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXVIII. 4⁰. 1897.

Warburg (O.) Die Muskatnuss : ihre Geschichte, Botanik . . . und Surrogate, *&c. pp. xii, 628 : 7 pls., 1 map., text illust.* 8⁰. *Leipzig*, 1897.

Warburg (O.) *See* TROPENPFLANZER, DER. Zeitschrift . . . Herausgegeben von . . . O. Warburg, *&c.* Jahrg. I→ 8⁰. 1897→

Warburg (O.) Das Pflanzenkleid und die Nutzpflanzen von Neu-Guinea. *See* KRIEGER (M.) Neu-Guinea, *&c.* 8⁰. [1899.]

Warburg (O.) Monsunia. Beiträge zur Kenntniss der Vegetation des Süd- und Ostasiatischen Monsungebietes. Bd. I.† *pp. viii, 207 : 11 pls.* 4⁰. *Leipzig*, 1900.

Warburg (O.) Pandanaceæ. *pp. 97 : 4 pls., text illust. See* ENGLER (H. G. A.) Das Pflanzenreich, *&c.* Hft. 3 (iv. 9). 8⁰. 1900.

Warburg (O.) [Myristicaceæ, Pandanaceæ, Begoniaceæ, Ulmaceæ, Moraceæ, Urticaceæ, Balanophoraceæ, Aristolochiaceæ, Magnoliaceæ, Thymelæaceæ, Ericaceæ and *Ficus* of the Philippine Islands.] *See* PERKINS (J. R.) Fragmenta Floræ Philippinæ, *&c.* Fasc. 1 & 3. 8⁰. 1904–1905.

Warburg (O.) & **Schlechter** (F. R. R.) [Asclepiadaceæ of the Philippine Islands.] *See* PERKINS (J. R.) Fragmenta Floræ Philippinæ, *&c.* Fasc. 2. 8⁰. 1904.

WARBURTON (CECIL) The Arachnida of Cambridgeshire. *See* MARR (J. E.) Handbook to the Natural History of Cambridgeshire, *&c.* 8⁰. 1904.

Warburton (C.) Arachnida Embolobranchiata (Scorpions, Spiders, Mites, Ticks, etc.) *See* HARMER (S. F.) The Cambridge Natural History, *&c.* Vol. IV. 8⁰. 1909.

WARBURTON (PETER EGERTON) [1813–1889] Map showing route of exploring party, under command of Col. P. E. Warburton, from the centre of Continent to Roebourne, Western Australia, *&c.* [Scale 1 in. = 17 m. about.] 2 sh. *See* AUSTRALIA. [*Maps.*] 1874.

Warburton (P. E.) Journey across the Western interior of Australia . . . With an introduction and additions by C. H. Eden . . . Edited by H. W. Bates. *pp. ix, 307 : 9 pls., 1 map.* 8⁰. *London*, 1875.
There is an illustration of *Stigmodera Murrayi* on the title-page.

WARD (CHARLES SLEGG) [For Guides to various districts in the British Islands, written alone or in association with M. J. B. Baddeley] *See* THOROUGH GUIDE SERIES.

WARD (E. W.) Report on experiments made . . . on New Zealand Woods. *See* NEW ZEALAND. Reports on the durability of New Zealand Timber, *&c.* 4⁰. 1875.

WARD (FRANCIS) Marvels of Fish Life as revealed by the Camera. *pp. xiv, 196 : 65 pls. (1 col.).* 8⁰. *London, &c.*, 1911.

WARD (H. C.) Wild Flowers of Switzerland, *&c.* [By H. C. Ward.] *See* W., H. C. fol. 1883.

WARD (HARRY MARSHALL) [1854-1906] Coffee Leaf Disease. Preliminary (Second—Third) Report, *&c.* 3 No. *See* PERÁDENIYA, *Ceylon.—Royal Botanic Gardens.* 4⁰. 1880–81.

Ward (HARRY M.) Diseases of Plants. *pp. 196 : text illust.* 8⁰. *London* [1889].

Ward (HARRY M.) Timber and some of its diseases, *&c. pp. viii, 295 : text illust.* 8⁰. *London*, 1889.
Nature Series.

Ward (HARRY M.) The Oak : a popular introduction to Forest-botany. *pp. 175 : 2 pls., text illust.* 8⁰. *London*, 1892.
Modern Science Series.

Ward (HARRY M.) Text-book of the diseases of Trees . . . By Prof. R. Hartig . . . Revised and edited, with a preface, by H. M. Ward, *&c. See* HARTIG (R.) 8⁰. 1894.

Ward (HARRY M.) Timber and Timber Trees, native and foreign . . . Second edition . . . by H. M. Ward. *See* LASLETT (T.) 8⁰. 1894.

Ward (HARRY M.) Disease in Plants. *pp. xiv, 309.* 8⁰. *London*, 1901.
Nature Series.

Ward (HARRY M.) Grasses : a Handbook for use in the field and laboratory. *pp. viii, 190 : text illust.* 8⁰. *Cambridge*, 1901.
Cambridge Natural Science Manuals. Biological Series.

Ward (HARRY M.) The researches of . . . H. M. Ward on the Brown Rust on the Bromes and the Mycoplasm Hypothesis. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik. Bd. I. 8⁰. 1903.

Ward (HARRY M.) Trees : a handbook of Forest-Botany for the Woodlands and the Laboratory. [Edited (Vol. IV & V) after the author's death by P. Groom.] 5 Vol. *illust.* 8⁰. *Cambridge*, 1904–09.
Cambridge Biological Series.

WARD (HENRY AUGUSTUS) [1834–1906] Notice of the Ward Cabinets of Mineralogy and Geology, lately presented to the University, *&c. pp. 44 . 1 pl., text illust. See* ROCHESTER, *New York.*—UNIVERSITY. 8⁰. 1863.

Ward (HENRY A.) Catalogue of Casts of Fossils from the principal Museums of Europe and America, with short descriptions and illustrations. *pp. viii, 228 : 4 pls., text illust.* 8⁰. *Rochester, N.Y.*, 1866.

Ward (HENRY A.) Catalogue of specimens of Comparative Osteology for sale by H. A. Ward. *pp. 49 [5].* 4⁰. *Rochester, N.Y.*, 1880.

Ward (HENRY A.) Ward's Natural History Collections [at the New Orleans Exposition]. 8⁰. *Washington* [*D.C.*], 1886.
From the "Special Report by the Bureau of Education." *pp. 106–126 : text illust.*

Ward (HENRY A.) Lettre . . . sur les Musées Argentins. *pp. 11 : 1 pl., 1 plan.* 8⁰. [*La Plata,*] 1890.
A translation : the original appeared in the "Revista del Museo de la Plata." Tom. I.

Ward (HENRY A.) Catalogue of the Ward-Coonley collection of Meteorites. *pp. xii, 113 : 10 pls.* 4⁰. *Chicago*, 1904.

WARD (Henry Baldwin) A preliminary report on the Worms (mostly parasitic) collected in Lake St. Clair, in . . . 1893. *See* Michigan, *State of.—Michigan Fish Commission.* Bulletin, *&c.* No. 4, append. 3. 8⁰. 1894.

Bulletin No. 4 was also issued as an appendix to the "Eleventh Biennial Report" (1895) of the Commission [*q.v.*].

Ward (Henry B.) A biological examination of Lake Michigan in the Traverse Bay region. *See* Michigan, *State of.—Michigan Fish Commission.* Bulletin, *&c.* No. 6. 8⁰. 1896.

Also issued as an appendix to the "Twelfth Biennial Report" (1897) of the Commission [*q.v.*].

Ward (Henry B.) On the development of *Dermatobia hominis.* *See* Parker (G. H.) Mark Anniversary Volume, *&c.* No. 25. 4⁰. 1903.

WARD (James Clifton) [1843–1880] The Geology of the northern part of the English Lake District, *&c.* *See* Great Britain & Ireland.—*Geological Survey: —England & Wales.* [*Topographical Memoirs.*] 8⁰. 1876.

Ward (James C.) [For official publications in connection with Memoirs illustrating sheets of the Map] *See* Great Britain & Ireland.—*Geological Survey: England & Wales.*

WARD (James C.) & **others.** The Geology of the Burnley Coalfield, *&c.* *See* Great Britain & Ireland. —*Geological Survey: England & Wales.* [*Topographical Memoirs.*] 8⁰. 1875.

Ward (James C.) & **others.** The Geology of the Yorkshire Coalfield, *&c.* *See* Great Britain & Ireland. —*Geological Survey: England & Wales.* [*Topographical Memoirs.*] 8⁰. 1878.

WARD (John) *F.G.S.* [1837–1906] The Geological features of the North Staffordshire Coal-fields, their organic remains, their range and distribution, with a Catalogue of the Fossils of the Carboniferous System of North Staffordshire. *pp. 189, ix: 9 pls.* 8⁰. *Newcastle* [*under Lyme*], 1890.

Trans. N. Staffs. Inst. Mining & Mech. Engineers. Vol. x.

WARD (John) *F.S.A.* Our Museum: what might be if —— . . . To which is added a letter from T. H. Thomas, R.C.A., upon the movement for a Welsh National Museum. *pp. 32.* 12⁰. [*Cardiff,* 1904.]

Reprints of three articles that appeared in the "Western Mail," Cardiff, July 11th & 18th, and August 13th, 1904.

WARD (L. Keith) The Mount Farrell mining field. *pp. v, 120: 2 pls.* (*col.*), *2 maps* (*1 geol. col.*) *See* Tasmania.—*Department of Mines.* Geological Survey Bulletin No. 3. 8⁰. 1908.

Ward (L. K.) The Tin fields of North Dundas. *pp. vi, 166: 4 pls.* (*col.*), *3 maps* (*1 geol. col.*) *See* Tasmania. —*Department of Mines.* Geological Survey Bulletin, No. 6. 8⁰. 1909.

Ward (L. K.) The Mount Balfour mining field. *pp. vi* [*i*], *165: 9 maps* (*1 geol. col.*) *See* Tasmania.—*Department of Mines.* Geological Survey Bulletin, No. 10. 8⁰. 1911.

Ward (L. K.) The X River Tin field. *pp. 28: 2 maps.* *See* Tasmania.—*Department of Mines.* Geological Survey Bulletin, No. 12. 8⁰. 1911.

Ward (L. K.) The possibilities of the discovery of Petroleum on Kangaroo Island and the western coast of Eyre's Peninsula. *pp. 27: 3 maps* (*2 geol. col.*). *See* South Australia.—*Geological Survey.* Bulletin No. 2. 8⁰. 1913.

Ward (L. K.) & **Jack** (R. L.) The Yelta and Paramatta Mines. *pp. 18: 1 pl., 6 maps & plans.* *See* South Australia.—*Geological Survey.* Report No. 1. 8⁰. 1912.

Ward (L. K.) & **Twelvetrees** (W. H.) The Ore-Bodies of the Zeehan field, *&c.* *pp. iv* [*i*], *165: 7 pls., 3 maps, 6 plans.* *See* Tasmania.—*Department of Mines.* Geological Survey Bulletin, No. 8. 8⁰. 1910.

WARD (Lester Frank) [1841–1913] Guide to the Flora of Washington and vicinity. *pp. 264: 1 map.* *See* United States National Museum. Bulletin, *&c.* No. 22. 8⁰. 1881.

Ward (Lester F.) Types of the Laramie Flora. *pp. 117: 57 pls.* *See* United States.—*Geological Survey.* Bulletin, *&c.* No. 37. 8⁰. 1887.

Ward (Lester F.) The Geographical Distribution of Fossil Plants. *See* United States.—*Geological Survey.* Annual Report, *&c.* No. 8, pt. 2. 8⁰. 1889.

Ward (Lester F.) Status of the Mesozoic Floras of the United States. Second paper . . . With the collaboration of W. M. Fontaine, A. Bibbins, and G. R. Wieland. *pp. 616: text illust.* Atlas, *pp. vi: 115 pls., 4 maps* (*1 geol. col.*). *See* United States.—*Geological Survey.* Monographs, *&c.* Vol. xlviii. 4⁰. 1905.

The first paper appeared in the Annual Report, No. 20, pt. 2, 1900.

WARD (Luke) Fenton's voyage to Magellanica. *See* Callander (J.) Terra Australis cognita, *&c.* Vol. i. 8⁰. 1766.

WARD (Nathaniel Bagshaw) [1791–1868] On the growth of Plants in closely glazed cases. *pp. vi, 95.* 8⁰. *London,* 1842.

—— Second Edition, *&c.* *pp. x, 143: 1 pl., text illust.* 8⁰. *London,* 1852.

WARD (R. Halsted) *See* American Naturalist, *The* . . . Edited by . . . R. H. Ward, *&c.* Vol. vi–xvi. 8⁰. 1872–82.

Ward (R. H.) The Microscope in Botany, . . . Translated and edited by . . . A. B. Hervey . . . assisted by R. H. Ward. *See* Behrens (J. W.) 8⁰. 1885.

WARD (Rowland) [1848?–1912] Horn measurements and weights of the Great Game of the World, *&c.* *pp. viii, 264: 6 pls., text illust.* 8⁰. *London,* 1892.

—— Appendix, *&c.* *pp. 7.* 8⁰. [*London,* 1894.]

—— [Another edition entitled:] Records of Big Game . . . Third edition. [With definitions of the various species and races by R. Lydekker.] *pp. xvii, 504: 1 port., text illust.* 8⁰. *London,* 1899.

—— Fifth edition. [With definitions of the various species and races by R. Lydekker.] *pp. xiii, 526: 1 port., text illust.* 8⁰. *London,* 1907.

—— Sixth edition. *pp. xiii, 531: 1 port., text illust.* 8⁰. *London,* 1910.

WARD (Thomas Henry) Exploration of Jherriya Coal field. *pp. 5: 1 pl., 1 map* (*col.*), *text illust.* [4⁰. *Calcutta,* 1890.]

WARDELL (Frank Newby) [For official reports as Inspector of Mines.] *See* Great Britain & Ireland. —*Home Office.*

WARDER (Joseph) [fl. 1688–1718] The true Amazons: or, the monarchy of Bees. Being a new discovery and improvement of those wonderful creatures . . . Eighth edition. *pp. 164: 1 port.* 8⁰. *London,* 1749.

The first edition appeared in 1693.

WARDLE (*Sir* THOMAS) [1831–1909] On the Geology of the neighbourhood of Leek, Staffordshire, *&c.* 8⁰. *Leek*, 1863.

Reprinted from J. Sleigh's "Ancient History of Leek," 1862. *pp. 225–287 : 5 pls.*

Wardle (*Sir* T.) Handbook of the Collection illustrative of the Wild Silks of India, in the South Kensington Museum, with a Catalogue of the collection, *&c.* *See* VICTORIA AND ALBERT MUSEUM. 8⁰. 1881.

Wardle (*Sir* T.) Paper . . . on the diggings in Old Hannah's Cave, or Hole in the Redder Hurst, or Redhurst Valley, near Wetton, and on the explosions in that Valley. [*pp. 23* :] *4 pls.* 8⁰. [*Leek*, 1899.]

The text has probably been reprinted from the "Leek Times."

Wardle (*Sir* T.) On the Geology of Kashmir, *&c.* *pp. 17.* 8⁰. *Leek*, 1903.

Reprinted from the "Leek Times."

Wardle (*Sir* T.) Kashmir ; its new Silk Industry, with some account of its natural history, geology, sport, *&c.* *pp. xx, 363 : 45 pls., 1 port.* 8⁰. *London & Leek*, 1904.

Wardle (*Sir* T.) The Wardle Collection of Carboniferous Limestone Fossils (chiefly North Staffordshire). Presented to the Nicholson Institute, by Sir T. Wardle. *See* NICHOLSON INSTITUTE. 8⁰. [1905.]

WARE (SAMUEL HIBBERT) *See* HIBBERT-WARE.

WAREHAM.—Purbeck Society. *See* PURBECK SOCIETY.

WARMAN (PHILIP CREVELING) [1859–] Bibliography and Index of the publications of the United States Geological Survey, with the laws governing their printing and distribution. *pp. 495.* *See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 100. 8⁰. 1893.

Warman (P. C.) Catalogue and Index of the Publications of the United States Geological Survey, 1880 to 1901 (& 1901 to 1903). 2 Pt. *See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 177 (& 215). 8⁰. 1901 (03).

WARMING (EUGENIUS) *See* WARMING (J. E. B.)

WARMING (JOHANNES EUGENIUS BUELOW) [1841–] Er Koppen hos Vortemælken (*Euphorbia*, L.) en Blomst eller en Blomsterstand ? En organogenetisk morfologisk Undersögelse, *&c.* [Thesis.] *pp. 111 : 3 pls.* 8⁰. *Köbenhavn*, 1871.

Warming (J. E. B.) Forgreningsforhold hos Fanerogamerne, betragtede med særligt Hensyn til Kløvning af Vækstpunktet. (Résumé du Mémoire intitulé : Recherches sur la ramification des Phanérogames principalement au point de vue de la partition du point végétatif.) *pp. 171, l : 11 pls., text illust.* *See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. V, bd. x, no. 1. 4⁰. 1872 (1875).

Warming (J. E. B.) Untersuchungen über Pollen bildende Phyllome und Kaulome. *pp. 9 : 5 pls.* *See* BOTANISCHE ABHANDLUNGEN, *&c.* Bd. II, hft. 2. 8⁰. 1873.

Warming (J. E. B.) Vochysiaceæ et Trigoniaceæ. *See* MARTIUS (C. F. P. VON) Flora Brasiliensis, *&c.* Vol. XIII, pt. 2. fol. 1875.

Warming (J. E. B.) Die Blüthe der Compositen. *pp. 167 : 9 pls.* *See* BOTANISCHE ABHANDLUNGEN, *&c.* Bd. III, hft. 2. 8⁰. 1876.

Warming (J. E. B.) [Haandbog i den Systematiske Botanik. 8⁰. *Kjøbenhavn*, 1879.]

Wanting.

—— Anden . . . Udgave. *pp.* [*iv,*] *434* [*3*] : *text illust.* 8⁰. *Kjøbenhavn*, 1884.

Warming (J. E. B.) A Handbook of Systematic Botany . . . With a revision of the Fungi by . . . E. Knoblauch . . . Translated and edited [with notes] by M. C. Potter, *&c.* *pp. xii, 620 : text illust.* 8⁰. *London*, 1895.

Warming (J. E. B.) [Den Almindelige Botanik. 8⁰. *Kjøbenhavn*, 1880.]

Wanting.

—— Anden . . . Udgave, *&c.* *pp.* [*vi,*] *366* : *text illust.* 8⁰. *Kjøbenhavn*, 1886.

For a German translation of the fourth edition, *See* WARMING (J. E. B.) & JOHANNSEN (W.) Warming-Johannsen Lehrbuch, *&c.*

Warming (J. E. B.) Familien Podostemaceæ . . . Avec un résumé en Français. 6 Afh. *illust.* *See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. VI, bd. II, no. 1 & 3 ; IV, no. 8 ; VII, no. 4 ; IX, no. 2 ; XI, no. 1. 4⁰. 1881–1901.

Warming (J. E. B.) Om nogle arktiske Væxters Biologi. *pp. 40.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XII, afd. III, no. 2. 8⁰. 1886.

Warming (J. E. B.) Podostemaceæ. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. III, abth. 2ᵃ. 8⁰. 1890.

Warming (J. E. B.) Lagoa Santa. Et Bidrag til den biologiske Plantegeografi . . . Med en Fortegnelse over Lagoa Santas Hvirveldyr (Résumé du Mémoire intitulé "Lagoa Santa"), *&c.* *pp. 336 : 1 pl., text illust.* *See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. VI, bd. VI, no. 3. 4⁰. 1892.

Warming (J. E. B.) [Plantesamfund, *&c.* 8⁰. *Kjöbenhavn*, 1895.]

Wanting.

Lehrbuch der ökologischen Pflanzengeographie. Eine Einführung in die Kenntnis der Pflanzenvereine . . Deutsche vom Verfasser genehmigte, durchgesehene und vermehrte Ausgabe. Von . . . E. Knoblauch. *pp. xii, 412.* 8⁰. *Berlin*, 1896.

Warming (J. E. B.) Œcology of Plants ; an Introduction to the Study of Plant-Communities . . . Assisted by M. Vahl . . . Prepared for publication in English by P. Groom . . . and I. B. Balfour. *pp. xi, 422.* 8⁰. *Oxford*, 1909.

The above is founded on the author's original Danish work "Plantesamfund."

Warming (J. E. B.) Halofyt-Studier. *pp. 272 : text illust.* *See* COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter, *&c.* Ræk. VI, bd. VIII, no. 4. 4⁰. 1897.

Warming (J. E. B.) The History of the Flora of the Færöes. *See* WARMING (J. E. B.) *& others.* Botany of the Færöes, *&c.* Pt. II. 8⁰. 1903.

Warming (J. E. B.) Bidrag til Vadernes, Sandenes og Marskens Naturhistorie, *&c.* *pp. 56 : text illust.* *See* COPENHAGEN. — KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det . . . Skrifter. Ræk. VII, afd. II, no. 1. 4⁰. 1904.

Warming (J. E. B.) Dansk Plantevækst. I. Strandvegetation. *pp. vi* [*i*], *325 : text illust.* 8⁰. *Kjøbenhavn & Kristiania*, 1906.

—— II. Klitterne. *pp.* [*iii,*] *376 : text illust.* 8⁰. *Kjøbenhavn & Kristiania*, 1907, 09.

Warming (J. E. B.) Om Planterigets Livsformer. *pp.* [*i*,] *86.* 8⁰. *Kjøbenhavn*, 1908.

Warming (J. E. B.) Frøplanterne (Spermatofyter). *pp.* [*iv*,] *467 : text illust.* 8⁰. *Kjøbenhavn & Kristiania*, 1912.

Warming (J. E. B.) & **Johannsen** (W.) Warming-Johannsen Lehrbuch der allgemeinen Botanik. Herausgegeben von . . . E. P. Meinecke. *pp. iv, iv* [*i*,] *667* [*1*] : *text illust.* 8⁰. *Berlin* [1907–] 1909.

A German translation of the 4th edition of the original Danish "Den Almindelige Botanik," *&c.*, which appeared in 1900–1901.

Warming (J. E. B.) & **others.** Botany of the Færöes, based upon Danish investigations. [Edited by J. E. B. Warming.] 3 Pt. [in 1.] 8⁰. *Copenhagen, &c.*, 1901–1908.

Pt. I. *pp.* [*x*,] *1–338* [*2*] : *pls. ii–x, 1 map, text illust.* 1901.
Historical notes on the Botanical investigation of the Færöes. By E. Warming.
Geography and Topography. By C. H. Ostenfeld.
Industrial conditions. By C. H. Ostenfeld.
Geology. By C. H. Ostenfeld.
Climate. By C. H. Ostenfeld.
Phanerogamæ and Pteridophyta. By C. H. Ostenfeld.
Phyto-geographical studies based upon observations of Phanerogamæ and Pteridophyta. By C. H. Ostenfeld.
Bryophyta. By C. Jensen.
Phyto-geographical studies based upon the Bryophyta. By C. Jensen.
Freshwater Algæ. By F. Børgesen.
Freshwater Diatoms. By E. Østrup.
Phyto-geographical studies based upon the Freshwater Diatoms. By E. Østrup.
Fungi. By E. Rostrup.
Lichenes. By J. S. Deichmann Branth.

,, II. *pp.* [*ii*,] *339–682 : pls. xi & xii, text illust.* [1902–] 1903.
Marine Algæ. By F. Børgesen.
Diatoms from the Marine Algæ of the Færöes. By E. Østrup.
Phytoplankton from the Sea around the Færöes. By C. H. Ostenfeld.
Phytoplankton of Lakes in the Færöes. By F. Børgesen and C. H. Ostenfeld.
The Hieracia . . . By H. Dahlstedt.
The History of the Flora . . . By E. Warming.

,, III. *pp.* [*ii*,] *683–1070, xxviii : pls. xiii–xxiv, text illust.* [1905–] 1908.
The Algæ-Vegetation of the Færöese coasts, with remarks on the Phyto-geography. By F. Børgesen.
Additions and corrections to the list of the Phanerogamæ and Pteridophyta . . . By C. H. Ostenfeld.
List of popular Plant Names . . . compilated by G. Paturssen.
The Land-Vegetation . . . with special reference to the higher Plants. By C. H. Ostenfeld.
Gardening and Tree-Planting. By F. Børgesen.
Some notes on the Agriculture . . . By P. Feilberg.
Field-Notes on the Biology of some of the Flowers of the Færöes. By E. Warming.
The Insect-Fauna of the Færöes. By I. C. Nielsen.

Appendix.
The Distribution of the Marine Algæ of the Arctic Sea and of the northernmost part of the Atlantic. By F. Børgesen and H. Jönsson.

Each part has its own title-page, in addition to the covering one for the whole work.
Separate copies of each of the above contributions have also been published.

WARNER (*Sir* George Frederic) [1845–] The Voyage of R. Dudley . . . to the West Indies, 1594–1595 . . . Edited by G. F. Warner, *&c.* *See* Hakluyt Society. Works, *&c.* Ser. II, no. 3. 8⁰. 1899.

WARNER (Richard) [1713?–1775] Plantæ Woodfordienses : a catalogue of the more perfect Plants growing spontaneously about Woodford in the County of Essex. *pp. vii, 222.* 8⁰. *London*, 1771.

WARNER (Robert) [1814–1896] Select Orchidaceous Plants . . . The notes on Culture by B. S. Williams. *40 pls. col., with descriptive letterpress.* fol. *London*, 1862–65.

—— Second Series. *39 pls. col., with descriptive letterpress.* fol. *London*, 1865–75.

—— Third Series. *39 pls. col., with descriptive letterpress.* fol. *London* [1877–91].

Warner (Robert) & **others.** The Orchid Album, comprising coloured figures and descriptions of new, rare and beautiful Orchidaceous Plants. Conducted by R. Warner . . . B. S. Williams (H. Williams and W. H. Gower). The botanical descriptions by T. Moore . . . The coloured figures by J. N. Fitch. 11 Vol. *illust. col.* 4⁰. *London*, 1882–96.

WARNIER (Adolphe) Catalogue des Coléoptères de la Faune Gallo-Rhénane, *&c.* *pp. 191.* 8⁰. *Reims*, 1901.

WARNIER (W. L. A.) Bijdrage tot de Kennis der Koffie, *&c.* *See* Haarlem.—Nederlandsche Maatschappij, *&c.*—*Koloniaal Museum.* 8⁰. 1899.

WARNSTORF (Carl) [1837–] Die Europäischen Torfmoose, *&c.* *pp. vi, 152.* 8⁰. *Berlin*, 1881.

Warnstorf (C.) Sphagnales. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. I, abth. 3. 8⁰. 1901.

Warnstorf (C.) Sphagnales.—Sphagnaceæ (Sphagnologia universalis). *See* Engler (H. G. A.) Das Pflanzenreich, *&c.* Hft. 51. (III.) 8⁰. 1911.

WARPACHOWSKY (N.)
See Varpakhovskiĭ (N. A.)

WARRAMURI, *British Guiana.* The Governor's visit to the Shell-Mound at Warramuri. (Appendix.) *pp. 32.* 8⁰. *Demerara*, 1866.

Reprinted from the "Royal Gazette" (?). The appendix contains letters on the Shell-mound from the Rev. W. H. Brett & Sir R. Owen.

WARREN (B. H.) Some Birds and Mammals which destroy Fish and Game. *See* Pennsylvania, *State of.* —*State Commissioners of Fisheries.* Report of the . . . Commissioners . . . for . . . 1897. 8⁰. 1897.

WARREN (Edward de) *Count.* Narrative of a Journey round the Dead Sea and in the Bible Lands in 1850 & 1851. By F. de Saulcy . . . Edited with notes by Count E. de Warren. 2 Vol. *See* Saulcy (L. F. J. C. de) 8⁰. 1853, 54.

WARREN (Erasmus) Geologia : or, a discourse concerning the Earth before the Deluge, *&c.* *pp. xvi, 359 : text illust.* 4⁰. *London*, 1690.

WARREN (Ernest) [For official publications as Director.] *See* Pietermaritzburg.—*Natal Government Museum.*

WARREN (Gouverneur Kemble) [1830–1882] Memoir to accompany the map of the territory of the United States from the Mississippi River to the Pacific Ocean giving a brief account of each of the exploring expeditions since A.D. 1800, *&c.* [With the Maps.] *See* United States.—*Pacific Railroad Survey.* Reports, *&c.* Vol. XI. 4⁰. 1859 (1861).

Warren (G. K.) Palæontology of the Upper Missouri : a report upon collections made . . . under G. K. Warren in 1855–6. Invertebrates . . . Pt. I. *See* Meek (F. B.) & Hayden (F. Y.) *See* Smithsonian Institution. Smithsonian Contributions to Knowledge. Vol. XIV, no. 5. 4⁰. 1865.

Warren (G. K.) An Essay concerning important physical features exhibited in the valley of the Minnesota River, and upon their signification. *pp. 22 : 1 pl., 4 maps.* 8⁰. *Washington*, 1874.

Forms Pt. II of the Report on the Minnesota River.

WARREN (J. L.) [-1872] [For official publications in connection with memoirs illustrating the Map.] *See* GREAT BRITAIN & IRELAND.—*Geological Survey: Ireland.*

WARREN (JOHN BYRNE LEICESTER) *3rd Baron de Tabley.* [1835-1895] The Flora of Cheshire . . . Edited by S. Moore. With a biographical notice of the author by Sir M. Grant Duff. *pp. cxiv, 399 : 1 port., 1 map col.* 8⁰. *London, &c.*, 1899.

WARREN (JOHN COLLINS) [1778-1856] (Description of a skeleton of) The *Mastodon giganteus* of North America. *pp. viii, 219 : 25 pls., text illust., col. engr. title.* 4⁰. *Boston*, 1852.

Wanting Pl. I.

Appendix contains, *inter alia* :—

H. Specification of the Shells contained in the Marl in which the Newburgh skeleton was found, by A. A. Gould.—Microscopic examination of the Marl, by J. Bacon, Jun.

—— Second edition. *pp. viii, 260 : 30 pls., text illust., col. engr. title.* 4⁰. *Boston*, 1855.

Appendix contains, *inter alia* :—

H. Description of the interior of the cranium of *Mastodon giganteus*, by J. Wyman.

Warren (JOHN C.) Remarks on some Fossil impressions in the sandstone rocks of Connecticut River. *pp. 54 : 1 pl., text illust.* 8⁰. *Boston*, 1854.

Warren (JOHN C.) The Great Tree on Boston Common. *pp. 20 : 1 pl., 1 map.* 8⁰. *Boston*, 1855.

WARREN (JONATHAN MASON) [-1867] An account of two remarkable Indian Dwarfs exhibited in Boston under the name of Aztec children. *pp. 17 : 2 pls. col.* 8⁰. *Boston*, 1851.

Amer. Journ. Med. Sci. N.S. Vol. xx.
With manuscript and other insertions.

WARREN (ROBERT) & **Ussher** (R. J.) The Birds of Ireland, *&c.* *See* USSHER (R. J.) & WARREN (R.) 8⁰. 1900.

WARREN (SAMUEL HAZZLEDINE) [1872-] The value of mineral condition in determining the relative age of Stone Implements. 8⁰. *London*, 1902.

Geol. Mag. Vol. IX, *pp. 97-105*, with the addition of 16 original plates.

WARREN (WILLIAM HENRY) [1852-] Australian Timbers. *See* NEW SOUTH WALES. 8⁰. 1892.

WARRINGTON.—Warrington Museum.

[Founded 1838.]

Catalogue of a Collection of Specimens to illustrate the uses of Bamboo in Japan, lent to the Warrington Museum, *&c.* *See* HOLME (C.) 8⁰. 1890.

WARSAW. — Īmperatorskiĭ Varshavskiĭ Unīversītet.

Spis Roślin Ogrodu Botanicznego . . . Uniwersytetu. [List of Plants in the Botanic Garden of the University.] *See* SZUBERT (M.) 4⁰. 1824.

Warsaw. — Īmperator. Varshavskiĭ Unīversītet.

Notice sur la Météorite tombée le 30 Janvier, 1868, aux environs de la ville de Pułtusk. *pp. 16 : 1 pl.* 8⁰. *Varsovie*, 1868.

Warsaw.—Īmperator. Varshavskiĭ Unīversītet.

Ueber einige neue und seltene Fisch-Arten aus den K. K. Zoologischen Museen zu Wien . . . und Warschau. *See* STEINDACHNER (F.) 4⁰. 1879.

Warsaw.—Īmperator. Varshavskiĭ Unīversītet.

Kollektziĭ Zoologhīcheskagho Kabīneta . . . Unīversīteta. [Zoological Collections in the Cabinet of the University.] I-IV. 8⁰. & 4⁰. *Varshava*, [1889] 1894-96.

I. Spīsok tīpīchnuikh ékzemplyarov Ptītz, po kotoruim builī ustanovlenui novuie vidui. V. K. Tachanovskagho. [List of type specimens of Birds on which new species have been established. By L. Taczanowski.] *pp. 40.* 8⁰. [1889.]

II. Spīsok ī opīsanie kollektziĭ po biologhīī Nasyekomuikh. N. V. Nasonova. [List and description of the collection relating to the biology of Insects. By N. V. Nasonov.] *pp. 62 : 1 pl., text illust.* 4⁰. 1894.

III. Spīsok ī opīsanie kollektziĭ po biologhiĭ Ptītz Prīvīslīnskagho Kraya. A. M. Buikov. [List and description of the collection relating to the biology of the Birds of the Privislinski borders. By A. M. Buikov.] Pt. I. *pp. viii, 120 : 12 pls., text illust.* 4⁰. 1896.

[The text ends abruptly.]

IV. Spīsok ī opīsanie kollektziĭ po biologhiĭ Paukov. V. A. Vaghnera. [List and description of the collection relating to the biology of Spiders. By W. A. Wagner.] *pp. 20 : 2 pls. col.* 4⁰. 1895.

Warsaw.—Īmperator. Varshavskiĭ Unīversītet.

Rabotui īz Laboratoriī Zoologhīcheskagho Kabīneta . . . Unīversīteta. [Work done in the Laboratory of the Zoological Cabinet of the University.] *See* under the several authors.

WARSAW.—Obshchestvo Estestvoīspuitateleĭ prī Īmperatorskom Varshavskom Unīversītetye. (*Société des Naturalistes* [at the Imperial University of Warsaw].) [Founded 1889.]

Protokolui Otdyeleniya biologhīī.—Comptes rendus de la Section biologique. Ghod. (Ann.) I-VII. 1889-90—1895-6. 8⁰. *Varshava*, [1890-98].

Issued in numbers, each of which is separately paged.

[*Continued as* :]

Protokolui zasyedaniĭ ī Trudui . . . Otdyelenie Biologhīī. Ghod. VIII-XII. 8⁰. *Varshava*, 1897-1902.

In Ghod. IX-XII each paper is separately paged.

[*Continued as* :]

Trudui ī Protokolui zasyedaniĭ . . . Otdyelenie Biologhīī Ghod. XIII→ 8⁰. *Varshava*, 1905→

Each paper is separately paged.

Warsaw.—Obshchestvo Estestvoīspuitateleĭ, *&c.*

Protokoluĭ Otdyeleniya Fīzīkī ī Khīmīī.—Comptes rendus de la Section de physique et de chimie. Ghod. (Ann.) I-VII. 1889-90—1895-6. 8⁰. *Varshava*, [1890-98.]

Issued in numbers, each of which is separately paged.

[*Continued as* :]

Protokolui zasyedaniĭ ī Trudui . . . Otdyeleniya Fīzīkī ī Khīmīī. Ghod. VIII→ 8⁰. *Varshava*, 1897→

Each paper is separately paged.

Warsaw.—Obshchestvo Estestvoīspuitateleĭ, *&c.*

Trudui, *&c.* Tom. I-III.† 8⁰. *Varshava*, 1891-96.

Each paper is separately paged.

Warsaw.—Obshchestvo Estestvoīspuitateleĭ, *&c.*

Protokolui obshchīkh sobraniĭ.—Comptes rendus des assemblées générales, *&c.* Ghod. (Ann.) III-VII. 8⁰. *Varshava* [1892 ?-98 ?]

Ann. I & II were published in Tom. I of the "Trudui."

[*Continued as* :]

Protokol obshchagho sobraniya.—Procès-verbal de la réunion générale, *&c.* Ghod. (Ann.) VIII→ 8⁰. *Varshava* [1899 ?→]

Warsaw.—Obshchestvo Estestvoīspuitateleĭ, *&c.*

Rabotui īz Laboratoriī Zoologhīcheskagho Kabīneta Īmperatorskagho Varshovskagho Unīversīteta . . . Īzdanie Varshavskagho Obshchestva Estestvoīspuitateleĭ. [Work done in the Laboratory of the Zoological Cabinet of the Imperial University of Warsaw . . . Published by the Naturalists' Society.] *See* under the several authors.

WARSAW.—Société des Naturalistes.

See supra, OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.*

WARSAW.—Société des Sciences de Varsovie. *See* infra, TOWARZYSTWO NAUKOWE.

WARSAW.—Towarzystwo Naukowe. [*Scientific Society.*] [Founded 1908.]
Paleontologia ziem Polskich, pod redakcyą J. Léwińskiego. No. 11. Gąbczaki Jurajskie ziem Polskich [Jurassic Sponges of Poland] przez J. Siemiradzkiego. *pp. 50 : 8 pls.* POLISH & FR. 4⁰. *Warszawa*, 1913.

WARSZEWICZ (JOSEF) [1812–1866] Deliciæ Herpetologicæ Musei Zoologici Cracoviensis. Beschreibung der im K.K. Museum zu Krakau befindlichen, von J. v. Warszewicz in Neu-Grenada und Bolivia gesammelten ungeschwänzten Batrachier. *See* SCHMIDT (E. O.) 4⁰. 1858.

Warszewicz (J.) & **Czerwiakowski** (I. R.) Catalogus Plantarum quæ in C. R. Horto Botanico Cracoviensi anno 1864 . . . educantur, *&c.* *See* CRACOW.—UNIWERSYTET JAGIELLOŃSKI. 4⁰. 1864.

WARTHA (WINCZE) [1844–] A Silikátok formulázásáról. [On the formularization of Silicates.] *pp. 13. See* BUDAPEST.—MAGYAR TUDOMÁNYOS AKADÉMIA. Értekezések a Természettudományok Köréböl, *&c.* Köt. I, szám 19. 8⁰. 1870.

WARTMANN (FRIEDRICH BERNHARD) [1830–1902] Beiträge zur Anatomie und Entwicklungsgeschichte der Algengattung *Lemanea.* Inaugural-Dissertation. *pp. 28 : 4 pls.* 4⁰. *St Gallen*, 1854.

Wartmann (F. B.) Beiträge zur St. Gallischen Volksbotanik . . . Verzeichniss der Dialectnamen, der technischen und arzneilichen Volksanwendung meist einheimischer Pflanzen. *pp. 43.* 8⁰. *St. Gallen*, 1861.

—— Zweite . . . Auflage. *pp. 117.* 8⁰. *St. Gallen*, 1874.

Wartmann (F. B.) & **Schlatter** (T.) Kritische Uebersicht über die Gefässpflanzen der Kantone St. Gallen und Appenzell. *pp. 568.* 8⁰. *St. Gallen*, 1881–88.
Jahresb. St. Gallischen Naturw. Gesell. 1879–80 ; 1882–3 ; & 1886–7.

WARTMANN (JAKOB) [1803–1873] St. Gallische Flora für Anfänger, *&c.* *pp. iv, 268.* 8⁰. *St. Gallen*, 1847.

WARWICK.—Warwickshire Natural History and Archæological Society. *See* WARWICKSHIRE NATURAL HISTORY AND ARCHÆOLOGICAL SOCIETY.

WARWICK.—Warwickshire Naturalists' and Archæologists' Field Club. *See* WARWICKSHIRE NATURALISTS' AND ARCHÆOLOGISTS' FIELD CLUB.

WARWICKSHIRE NATURAL HISTORY AND ARCHÆOLOGICAL SOCIETY.
[Founded 1836.]
Annual Report, *&c.* I–XVI, XXV, XXVII–L. 8⁰. *Warwick*, 1837–52 [–92].

WARWICKSHIRE NATURALISTS' AND ARCHÆOLOGISTS' FIELD CLUB.
[Founded 1854.]
Proceedings, *&c.* 1860, '63, '64, '67–70, '72–75, '82, '84–93, '95, '96, 1909, '10. 8⁰. *Warwick*, [1861–1911].

Warwickshire Naturalists' and Archæologists' Field Club.
On the discovery of a . . . series of Fossil Insects and other associated Fossils, in the Eocene . . . strata of the Isle of Wight . . . Read at the Annual Meeting of the . . . Club . . . 1878. *See* BRODIE (P. B.) 8⁰. 1878.
Proc. Warwick. Nats. and Archæol. Field Club.

Warwickshire Naturalists' and Archæologists' Field Club.
On Fossil Arachnidæ, including Spiders & Scorpions . . . Read at the Annual Winter Meeting of the Club . . . 1882. *See* BRODIE (P. B.) 12⁰. 1882.
Reprint from a local newspaper.

—— [Another edition.] 8⁰. [1883.]
Proc. Warwick. Nats. and Archæol. Field Club.

WARWIJCK (WIJBRANDT VAN) Eygentlicher Bericht und . . . Beschreibung der gantzen . . . Schiffart, so die Holländer [under J. C. van Neck and W. van Warwijck] . . . in die Orientalische Indien . . . gethan haben . . . 1598 . . . 1599 . . . 1600, *&c.*—Beschreibung der histori so von J. H. von Bree . . . auff der Reyse in die Orientalische Indien [under W. van Warwijck] von anno 1602 biss in anno 1604 . . . auffgezeichnet worden. *See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*India Orientalis.* Pt. V & VIII.—*German.*] Fünffter (Achter) Theil der Orientalischen Indien, *&c.* fol. 1601 (1606).

Warwijck (W. VAN) [Voyage to the Island of Java, 1598–1600.]—Reise nach Ostindien [Bantam and Siam, 1602–4]. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. VIII. 4⁰. 1751.

WASHBURN (M. L.) Fox Farming in Alaska. *See* WASHINGTON ACADEMY OF SCIENCES. Alaska, *&c.* Vol. II. 8⁰. 1902.

WASHBURN COLLEGE. *See* TOPEKA.

WASHINGTON, *D.C.*—ROCKEFELLER SANITARY COMMISSION FOR THE ERADICATION OF THE HOOKWORM DISEASE.
Annual Report, *&c.* No. I→ 8⁰. *Washington, D.C.*, 1911→

Washington, *D.C.*—ROCKEFELLER SANITARY COMMISSION FOR THE ERADICATION OF THE HOOKWORM DISEASE.
Organization, activities and results up to December 31, 1910. *pp. 38 : 15 maps.* 8⁰. *Washington, D.C.*, 1910.

Washington, *D.C.*—ROCKEFELLER SANITARY COMMISSION FOR THE ERADICATION OF THE HOOKWORM DISEASE.
Soil Pollution as cause of Ground-Itch, Hookworm Disease (Ground-Itch Anemia), and Dirt Eating. By C. W. Stiles, *&c.* *pp. 27 : text illust.* 8⁰. *Washington, D.C.*, 1910.

Washington, *D.C.*—ROCKEFELLER SANITARY COMMISSION FOR THE ERADICATION OF THE HOOKWORM DISEASE.
Hookworm infection in foreign countries. *pp. 87 : 6 maps.* 8⁰. *Washington, D.C.*, 1911.

WASHINGTON, *D.C.*—**Washington Academy of Sciences.** *See* WASHINGTON ACADEMY OF SCIENCES.

WASHINGTON, *D.C.*—**Biological Society of Washington.** *See* BIOLOGICAL SOCIETY OF WASHINGTON.

WASHINGTON, *D.C.*—**Colorado Biological Association.** *See* COLORADO BIOLOGICAL ASSOCIATION.

WASHINGTON, *D.C.*—**Entomological Society of Washington.** *See* ENTOMOLOGICAL SOCIETY OF WASHINGTON.

WASHINGTON, *D.C.*—**Geological Society of America.** *See* GEOLOGICAL SOCIETY OF AMERICA.

WASHINGTON, *D.C.*—**Geological Society of Washington.** *See* GEOLOGICAL SOCIETY OF WASHINGTON.

WASHINGTON, *D.C.* — **National Academy of Sciences.**
See NATIONAL ACADEMY OF SCIENCES.

WASHINGTON, *D.C.* — **National Geographic Society.**
See NATIONAL GEOGRAPHIC SOCIETY.

WASHINGTON, *D.C.*—**National Institution for the Promotion of Science.**
See NATIONAL INSTITUTION FOR THE PROMOTION OF SCIENCE.

WASHINGTON, *D.C.*—**Philosophical Society of Washington.**
See PHILOSOPHICAL SOCIETY OF WASHINGTON.

WASHINGTON, *D.C.*—**Smithsonian Institution.**
See SMITHSONIAN INSTITUTION.

WASHINGTON, *D.C.*—**United States National Museum.**
See UNITED STATES NATIONAL MUSEUM.

WASHINGTON, *State of.*—GEOLOGICAL SURVEY.
Annual Report for 1901→ Vol. I→
8⁰. *Olympia, Wash.*, 1901→

Washington, *State of.*—GEOLOGICAL SURVEY.
The Biennial Report, *&c.* 1901–1903→
8⁰. *Tacoma, Wash.*, 1903→

Washington, *State of.*—GEOLOGICAL SURVEY.
Bulletin, No. 1→ 8⁰. *Olympia, Wash.*, 1910→

WASHINGTON (HENRY STEPHENS)[1867–] Chemical Analyses of Igneous Rocks published from 1884–1900, with a critical discussion of the character and use of analyses. *pp. 495. See* UNITED STATES.—*Geological Survey.* Professional Paper No. 14. 4⁰. 1903.

Washington (H. S.) Manual of the chemical analysis of Rocks . . . First edition, *&c. pp. ix, 183.*
8⁰. *New York & London*, 1904.

Washington (H. S.) The superior analyses of Igneous Rocks from Roth's Tabellen, 1869–1884, arranged according to the Quantitative System of classification. *pp. 68. See* UNITED STATES.—*Geological Survey.* Professional Paper No. 28. 4⁰. 1904.

WASHINGTON ACADEMY OF SCIENCES.
[Founded 1898.]
Proceedings, *&c.* Vol. I–XII.† 8⁰. *Washington*, 1899–1910.

Washington Academy of Sciences.
Journal, *&c.* Vol. I→ 8⁰. *Baltimore, Md.*, 1911→

WASHINGTON ACADEMY OF SCIENCES.
Alaska: giving the Results of the Harriman Alaska Expedition, carried out with the co-operation of the Washington Academy of Sciences. (Edited by C. Hart Merriam.) Vol. I→ 8⁰. *London, &c.*, 1902→

From 1910 the publication or re-issue of any of the series of volumes on the Harriman Alaska Expedition of 1899, hitherto privately printed, was transferred to the Smithsonian Institution, and the work thereafter known as the Harriman Alaska Series of the Smithsonian Institution, with special Smithsonian title-pages. ("Advertisement" in Vol. XIII.)

Vol.
I. Narrative, Glaciers, Natives. *pp. xxxvii [i], 1–184: 60 pls. (20 col.), 2 maps col., text illust.* 1902.
Preface. [By E. H. Harriman.]
Introduction. [By C. Hart Merriam.]
Narrative of the Expedition. By J. Burroughs.
Notes on the Pacific coast Glaciers. By J. Muir.
The Natives of the Alaska coast region. By G. B. Grinnell.

II. History, Geography, Resources. *pp. 185–383: 62 pls. (17 col.), 1 map col., text illust.* 1902.
Contains, *inter alia*:—
The Discovery and Exploration of Alaska. By W. H. Dall.
Days among Alaska Birds. By C. Keeler.
Forests of Alaska. By B. E. Fernow.
General Geography. By H. Gannett.
Bogoslof, our newest Volcano. By C. Hart Merriam.
Fox Farming in Alaska. By M. L. Washburn.

[**Washington Academy of Sciences** (contd.)]
[Alaska: giving the Results of the Harriman Alaska Expedition, *&c.* (contd.)]

Vol.
III. Glaciers and Glaciation. By G. K. Gilbert. *pp. xii, 231: 12 pls., 6 maps, text illust.* 1904.
IV. Geology and Paleontology, *&c. pp. x, 173: 34 pls., 1 map col.* 1904.
Introduction. By G. K. Gilbert.
Notes on the Stratigraphy and Igneous Rocks. By B. K. Emerson. With Petrographic Notes by C. Palache.
The Alaska-Treadwell Mine: notes on the geology of the mine and vicinity. By C. Palache.
Geology about Chichagof Cove, Stepovak Bay: with notes on Popof and Unga Islands. By C. Palache.
Minerals . . . By C. Palache.
Neozoic Invertebrate Fossils . . . By W. H. Dall.
Fossils and Age of the Yakutat formation . . . chiefly near Kadiak, Alaska. By E. O. Ulrich.
Fossil Plants from Kukak Bay. By F. H. Knowlton.
V. Cryptogamic Botany. *pp. ix, 424: 44 pls. (col.), text illust.* 1904.
Introduction. By W. Trelease.
The Fungi of Alaska. By P. A. Saccardo, C. H. Peck, and W. Trelease.
The Lichens . . . By C. E. Cummings.
The Algæ . . . By De Alton Saunders.
[Proc. Acad. Sci. Washington. Vol. III, 1901.]
The Mosses . . . By J. Cardot and I. Thériot.
[Proc. Acad. Sci. Washington. Vol. IV, 1902.]
Alaskan species of *Sphagnum*. By W. Trelease.
Hepaticæ . . . By W. Evans.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
The Ferns and Fern allies of Alaska (Pteridophytes). By W. Trelease.
VIII. Insects. Part 1. *pp. ix, 238: 17 pls. (1 col.), text illust.* 1904.
Introduction. By T. Kincaid.
Arachnida . . . By N. Banks.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Myriapoda of northwestern North America. By O. F. Cook.
Apterygota of Alaska. By J. W. Folsom.
[Proc. Acad. Sci. Washington. Vol. IV, 1902.]
Orthoptera . . . By A. N. Caudell.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Aphididæ . . . By T. Pergande.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Homoptera of Alaska. By W. H. Ashmead.
Heteroptera . . . By O. Heidemann.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Odonata . . . By R. P. Currie.
[Proc. Acad. Sci. Washington. Vol. III, 1901.]
Neuropteroid Insects . . . By N. Banks.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Coleoptera . . . By E. A. Schwarz.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
The metamorphoses of some Alaska Coleoptera. By T. Kincaid.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Lepidoptera . . . By H. G. Dyar.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
IX. Insects. Part 2. *pp. ix, 284: 4 pls.* 1904.
Diptera of the Expedition. By D. W. Coquillett.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
The Tenthredinoidea . . . By T. Kincaid.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
The Sphegoidea and Vespoidea. By T. Kincaid.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Formicidæ . . . By T. Pergande.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
Hymenoptera . . . By W. H. Ashmead.
[Proc. Acad. Sci. Washington. Vol. IV, 1902.]
X. Crustacea. *pp. [vi,] 551: 26 pls., text illust.* 1904.
Decapod Crustaceans of the northwest coast of North America. By M. J. Rathbun.
Isopod Crustaceans of the northwest coast of North America. By H. Richardson.
Amphipod Crustaceans of the Expedition. By S. J. Holmes.
Pycnogonida of the west coast of North America. By L. J. Cole.
XI. Nemerteans [and] Bryozoans. *pp. xi, 251: 25 pls. (col.), text illust.* 1904.
Nemerteans of the Pacific coast of North America. Part 1. By W. R. Coe.
[Proc. Acad. Sci. Washington. Vol. III, 1901.]
Nemerteans of the Pacific coast of North America. Part 2. By W. R. Coe.
The Bryozoa of the Expedition. By A. Robertson.
[Proc. Acad. Sci. Washington. Vol. II, 1900.]
XII. Annelids. *pp. xi, 355: 44 pls. (1 col.), text illust.* 1904.
Enchytræidæ of the west coast of North America. By G. Eisen.
Tubicolous Annelids of the tribes Sabellides and Serpulides from the Pacific Ocean. By K. J. Bush.
XIII. *pp. [viii,] 259: 15 pls., text illust.* 1905 (–1910).
Contains:—
Land and Fresh Water Mollusks. By W. H. Dall.
Hydroids. By C. C. Nutting.
[Proc. Acad. Sci. Washington. Vol. III, 1901.]
This volume is published by the Smithsonian Institution and bears special Smithsonian title-page [*q.v.*], as will all volumes issued or re-issued after 1910.
XIV. Monograph of the shallow-water Starfishes of the North Pacific coast from the Arctic Ocean to California . . . By A. E. Verrill. *pp. xii, 408: 110 pls.* 1914.

WASIELEWSKI (THEODOR VON) Sporozoenkunde, *&c. pp. vii, 162 : text illust.* 8⁰. *Jena*, 1896.

WASMANN (A.) Beiträge zur Anatomie der Spinnen, *&c.* Lief. 1. *See* HAMBURG. — NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. I, no. 4. 4⁰. 1846.

WASMANN (ERICH) Der Trichterwickler . . . Mit einem Anhange über die neueste Biologie und Systematik der Rhynchitesarten und ihrer Verwandten (Attelabiden, Rhynchitiden und Nemonygiden), *&c. pp. vii, 264 : 3 pls., text illust.* 8⁰. *Münster*, 1884.

Wasmann (E.) Die zusammengesetzten Nester und gemischten Kolonien der Ameisen. Ein Beitrag zur Biologie, Psychologie und Entwicklungsgeschichte der Ameisengesellschaften. *pp. vii, 262 [1] : 2 pls., text illust.* 8⁰. *Münster i. W.*, 1891.

Wasmann (E.) Kritisches Verzeichniss der Myrmekophilen und Termitophilen Arthropoden. Mit Angabe der Lebensweise und mit Beschreibung neuer Arten. *pp. xiii [ii,] 231.* 8⁰. *Berlin*, 1894.

Wasmann (E.) Die psychischen Fähigkeiten der Ameisen. *pp. vi, 132 : 3 pls. See* ZOOLOGICA, *&c.* Bd. XI, hft. 26. 4⁰. 1899.

Wasmann (E.) Zur Kenntniss der Gäste der Treiberameisen und ihrer Wirthe am obern Congo, nach den Sammlungen und Beobachtungen von P. H. Kohl . . . bearbeitet. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰. 1904.

Wasmann (E.) Termiten von Madagaskar, den Comoren und Inseln Ostafrikas. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. III, hft. 2. 4⁰. 1910.

WASSILIEFF & **WASSILJEW.** } *See* VASIL'EV.

WASSON (SAMUEL) A Survey of Hancock County, Maine. *See* MAINE, *State of.—Board of Agriculture.* 8⁰. 1878.

WATELET (ADOLPHE) [1811–1879] Recherches dans les Sables Tertiaires des environs de Soissons. *pp. 15 : 2 pls.* 8⁰. *Laon*, 1851.

Soc. Hist. Archéol. & Sci. Soissons. Tom. v.

Watelet (A.) L'Âge de Pierre et les sépultures de l'Âge de Bronze dans le département de l'Aisne, *&c. pp. 36 : 6 pls.* 4⁰. *Vervins & Paris*, 1866.

Watelet (A.) Description des Plantes fossiles du bassin de Paris. *pp. [iv,] 264.* Atlas, *pp. 30 : 60 pls.* 4⁰. *Paris*, 1866.

The original drawings for the plates with 21 other unpublished plates, and their descriptions in manuscript, are kept in the Geological Department.

WATERHOUSE (BENJAMIN) [1754–1846] The Botanist. Being the Botanical part of a course of Lectures on Natural History, delivered in the university at Cambridge [Mass.]. Together with a discourse on the principles of vitality. *pp. 263.* 4⁰. *Boston [Mass.]*, 1811.

WATERHOUSE (CHARLES OWEN) [1843–] [Coleoptera from Kerguelen Island and Rodriguez.] *See* ROYAL SOCIETY OF LONDON. Philosophical Transactions, *&c.* Vol. CLXVIII. 4⁰. 1879.

Waterhouse (C. O.) Illustrations of typical specimens of Coleoptera in the . . . British Museum. Pt. I. Lycidæ. *See* BRITISH MUSEUM (NATURAL HISTORY). *—Zoology.* [*Coleoptera.*] 8⁰. 1879.

Waterhouse (C. O.) Aid to the identification of Insects. Edited by C. O. Waterhouse. Lithographs by E. Wilson (and M. Horman-Fisher). 2 Vol. *illust. col.* 8⁰. *London*, 1880–90.

The dates of publication, supplied by the editor, are as follows:—Vol. I, *pls. i–cviii*, 1880; *pls. ix–lxxxiii*, 1881; *pls. lxxxiv–c*, 1882; Vol. II, *pls. ci–cviii* (Aug.), *cix–cxv* (Oct.), *cxvi–cxxix* (Dec.), 1882; *cxxx–cxxviii* (Jan.), *cxxix–cxxxii* (April), *cxxxiii–cxxxvi* (July), *cxxxvii–cxl* (Oct.), 1883; *cxli–cxlix* (Feb.), *cxlx–clviii* (May), *cxlix–clii* (Nov.), 1884; *cliii–clvi* (April), *clvii–clx* (June), *clxi–clxix* (Oct.), 1885; *clxx–clxviii* (Feb.), *clxix–clxxii* (July), 1886: *clxxiii–clxxvi* (Feb.), 1887; *clxxvii–clxxx* (Jan.), 1888: *clxxxi–clxxxix* (May), 1889; *clxxxv–clxxxix* (Sept.), 1890.

Waterhouse (C. O.) [Buprestidæ of Central America.] *See* GODMAN (F. D.) & SALVIN (O.) Biologia Centrali-Americana. Zoology. Coleoptera. Vol. III, pt. 1. 4⁰. 1882–89.

Waterhouse (C. O.) [Coleoptera from Eagle Island, Amirante Group.] *See* BRITISH MUSEUM (NATURAL HISTORY).—*Zoology.* [*General.*] Report on the Zoological Collections made . . . during the voyage of H.M.S. 'Alert' 1881–82. 8⁰. 1884.

Waterhouse (C. O.) On the Insects collected on Kilima-njaro. *See* JOHNSTON (*Sir* H. H.) *G.C.M.G.* The Kilima-njaro Expedition, *&c.* Chap. XVIII, append. IV. 8⁰. 1886 [1885].

Waterhouse (C. O.) Coleoptera. *See* FERNANDO DE NORONHA, *Island of.* The Natural History of the Island, *&c.* 8⁰. 1890.

Waterhouse (C. O.) The labium and submentum in certain mandibulate Insects. *pp. 12 : 4 pls. col., text illust.* 8⁰. *London*, 1895.

Waterhouse (C. O.) [Coleoptera of the Uganda Protectorate.] *See* JOHNSTON (*Sir* H. H.) *G.C.M.G.* The Uganda Protectorate, *&c.* Vol. I. 8⁰. 1902.

Waterhouse (C. O.) Index Zoologicus (—No. II): an alphabetical list of names of Genera and Subgenera proposed for use in Zoology as recorded in the "Zoological Record" 1880–1900 (—1901–10) . . . Compiled by C. O. Waterhouse, *&c. See* ZOOLOGICAL SOCIETY OF LONDON. 8⁰. 1902 (& 12).

A small "Supplementary List of Generic Names" was published in 1904, and afterwards incorporated in No. II.

WATERHOUSE (FREDERICK GEORGE) [1815–1898] The Fauna of South Australia. *See* HARCUS (W.) South Australia, *&c.* 8⁰. 1876.

—— [Another edition.] *pp. 15.* 8⁰. [ ]

South Australian Handbook.

WATERHOUSE (FREDERICK HERSCHEL) [1845–] The Dates of Publication of some of the zoological works of . . . J. Gould, *&c.* [With a biographical sketch taken, with slight alterations, from "Nature."] *pp. xi, 59.* 8⁰. *London*, 1885.

Waterhouse (FREDERICK H.) Index generum Avium. A list of the genera and subgenera of Birds. [With a preface by P. L. Sclater.] *pp. [vi,] 240.* 8⁰. *London*, 1889.

WATERHOUSE (GEORGE ROBERT) [1810–1888] Catalogue of the Mammalia preserved in the Museum of the Zoological Society . . . G. R. Waterhouse curator. Second edition. *See* ZOOLOGICAL SOCIETY OF LONDON. 8⁰. 1838.

—— Supplement. 8⁰. 1839.

Waterhouse (GEORGE R.) [New Birds from South Africa.] *See* ALEXANDER (*Sir* J. E.) An expedition . . . into the interior of Africa, *&c.* Vol. II, append. no. 1. 8⁰. 1838.

Waterhouse (George R.) [Mammalia collected during the voyage.] *See* Great Britain & Ireland. [*Voyages, &c.—Beagle.*] The Zoology of the voyage of H.M.S. Beagle . . . during . . . 1832-36, *&c.* Pt. ii. 4⁰. 1839.

Waterhouse (George R.) [Marsupialia, or Pouched Animals. (Memoir of J. Barclay.) 8⁰. *Edinburgh*, 1841.]
Wanting.
Naturalist's Library. Vol. xxx.

—— [Another edition.] *pp. 323 : 35 pls. col., 1 port., text illust., engr. title.* 8⁰. *Edinburgh* [1846].
Naturalist's Library. [Second issue.] Vol. xxv [*i.e.* xxiv] (Mammalia. Vol. x.)

Waterhouse (George R.) A natural history of the Mammalia. 2 Vol. *illust.* 8⁰. *London, &c.*, 1846-48.

Waterhouse (George R.) Descriptions of new genera and species of Curculionides. *pp. 36.* 8⁰. [*London,*] 1853.
Trans. Ent. Soc. Lond. New. Ser., Vol. ii.

Waterhouse (George R.) [Distribution, &c., of Rodentia and Ruminantia. *See* Johnston (A. K.) The Physical Atlas, *&c.* fol. 1848.]
Wanting.

—— New edition. fol. 1856.

Waterhouse (George R.) Catalogue of British Coleoptera. *pp. 117.* 8⁰. *London*, 1858 [-61].
Pp. 1-48 were issued in 1858.

Waterhouse (George R.) Pocket Catalogue of British Coleoptera. *pp. 42.* 8⁰. *London*, 1861.
Printed in treble column.

WATERHOUSE (Gustavus A.) A Catalogue of the Rhopalocera of Australia. *pp. 49, ii.* *See* New South Wales Naturalists' Club. Memoirs, *&c.* No. i. 8⁰. 1903.

WATERS (Albert H.) *See* Nature-Study. The Naturalists' Journal . . . Edited by . . . A. H. Waters, *&c.* Vol. ii, no. 22—iii, no. 28. 8⁰. 1894.

WATERS (Arthur William) Remarks on the recent Geology of Italy. Suggested by a short visit to Sicily, Calabria, and Ischia. *pp. 32 . 1 pl.* 8⁰. [*Manchester,*] 1877.
Trans. Manchester Geol. Soc. Vol. xiv.

Waters (Arthur W.) Bryozoa (Polyzoa), from the Pliocene of Bruccoli (Sicily). *pp. 24 : 1 pl.* 8⁰. [*Manchester*, 1878.]
Trans. Manchester Geol. Soc. Vol. xiv.

Waters (Arthur W.) Supplementary Report on the Polyzoa collected by H.M.S. Challenger during . . . 1873-76. *pp. 41 : 3 pls.* *See* Great Britain & Ireland. [*Voyages, &c. — Challenger Expedition.*] Report, *&c.* Zoology (Pt. lxxix), Vol. xxxi. 4⁰. 1889.

WATERSCHOOT VAN DER GRACHT (W. A. J. M. van) & **Molengraaff** (G. A. F.) Niederlande. *See* Steinmann (J. H. C. G. G.) Handbuch der Regionalen Geologie, *&c.* Bd. i, abt. 3. 8⁰. 1913.

WATERTON (Charles) [1782-1865] Wanderings in South America, the north-west of the United States, and the Antilles, in . . . 1812, 1816, 1820 & 1824. With . . . instructions for the . . . preservation of Birds, *&c.* *pp. vii, 326 : 2 pls., text illust.* 4⁰. *London*, 1825.

—— New edition. Edited, with Biographical Introduction and explanatory Index, by the Rev. J. G. Wood. *pp. xvi, 529 : text illust.* 8⁰. *London*, 1879.

—— [Another edition.] *pp. 64 : text illust.* 4⁰. *London*, 1881.
Printed in triple column.

Waterton (C.) [Essays on Natural History, chiefly Ornithology . . . with an autobiography of the author. 8⁰. *London*, 1838.]
Wanting.

—— Fifth edition. *pp. lxxxiii, 334 : 1 pl.* 8⁰. *London*, 1844.

—— Second Series : with a continuation of the autobiography of the author. Second Edition. *pp. cxlii, 204 : 1 pl.* 8⁰. *London*, 1844.
The first edition appeared earlier in the same year.

WATFORD NATURAL HISTORY SOCIETY AND HERTFORDSHIRE FIELD CLUB. *See* Hertfordshire Natural History Society & Field Club.

WATKIN (Hugh R.) The discovery and transportation to St. Petersburg of the Berezovka Mamoth [*sic*], translated and described, *&c.* *pp. 20.* 8⁰. [*Torquay*, 1906]

Watkin (H. R.) The white winter coat of certain creatures, *&c.* *pp. 20.* 8⁰. [*Torquay*, 1906.]

WATKINS (Charles J.) Classified list of Gloucestershire Earthworms (Oligochætes). — Heterocera [of Gloucestershire]. (Introduction.) *See* Witchell (C. A.) & Strugnell (W. B.) The Fauna and Flora of Gloucestershire. 8⁰. 1892.

WATKINS (Charles R. W.) [fl. 1855-1874] Principles and Rudiments of Botany, *&c.* *pp. 114, 2 tabs.* 8⁰. *London*, 1858.

WATKINS (Watkin) [1869-] & **Marchant** (J. R. V.) Wild Birds Protection Acts, 1880-1896 . . . Second edition. *See* Marchant (J. R. V.) & Watkins (W.) 8⁰. 1897.

WATLING (Thomas) [71 foll. of Water-colour drawings of Natives, Animals and Plants from the neighbourhood of Port Jackson, New South Wales.] fol.
Forming Banksian MS. no. 34. Vide Dryander's Cat. Bibl. Banks, Vol. i, p. 253.
Some of these are the originals used in drawing the plates for John White's "Journal of a Voyage to New South Wales." 1790.

Watling (T.) [512 Original Water-colour drawings of the Natives, Animals, Plants & Scenery (with maps) in the neighbourhood of Port Jackson, New South Wales.] fol. [*c.* 1788-92.]
Some of the figures of the Birds form the types of J. Latham's descriptions in the "Supplement" to his "General Synopsis of Birds," 1802.

WATSON (Arnold Thomas) Note on *Polydora armata*, Lnghs. [Collected by Prof. Herdman, at Ceylon, in 1902]. *See* Royal Society of London. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. iv. Supplementary Report. No. 30 [Appendix]. 4⁰. [1902.]

WATSON (C. E.) Journal of the Salween surveying expedition, during . . 1864-65. *See* India.—*Foreign Department.* Selections from the records . . . No. xlix. 8⁰. 1865.

WATSON (David Meredith Seares) [1886-] On a confusion of two species (*Lepidodendron Harcourtii*, Witham, and *L. Hickii*, sp. nov.) under *Lepidodendron Harcourtii*, Witham, in Williamson's xix. Memoir; with a description of *L. Hickii*, sp. nov. *pp. 28 : 3 pls.* *See* Manchester Literary & Philosophical Society. Memoirs, *&c.* Vol. li, no. 13. 8⁰. 1907.

Watson (D. M. S.)
The Cone of *Bothrodendron mundum* (Will.). *pp. 16 : 1 pl., text illust.*
On the *Ulodendroid* Scar. *pp. 14 : 2 pls., text illust.*
See Manchester Literary & Philosophical Society. Memoirs, *&c.* Vol. lii, no. 3 & 4. 8⁰. 1908.

Watson (D. M. S.) A preliminary note on two new genera of Upper Liassic Plesiosaurs. *pp. 28 : 1 pl., text illust.* *See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIV, no. 4. 8⁰. 1909.

Watson (D. M. S.) Upper Liassic Reptilia. Pt. II. The Sauropterygia of the Whitby Museum. *pp. 13 : text illust.* *See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIV, no. 11. 8⁰. 1910.

Watson (D. M. S.) The larger Coal Measure Amphibia. *pp. 14 : 1 pl., text illust.* *See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LVII, no. 1. 8⁰. 1913.

WATSON (EDWARD YERBURY) [-1897] Hesperiidæ Indicæ, being a reprint of descriptions of the Hesperiidæ, of India, Burma and Ceylon. *pp. xv, 161.* 8⁰. *Madras*, 1891.

WATSON (FREDERICK) The Animal World display'd : or, the nature and qualities of living creatures described, *&c.* *pp. xvi, 302 [6] : 18 pls.* 8⁰. *London*, 1754.

WATSON (HEWETT COTTRELL) [1804-1881] Outlines of the Geographical Distribution of British Plants belonging to the division of Cotyledones. *pp. xvi, 334.* 8⁰. *Edinburgh* [1832].

Watson (H. C.) Remarks on the Geographical Distribution of British Plants ; chiefly in connection with latitude, elevation, and climate. *pp. xvi, 288.* 8⁰. *London*, 1835.

—— [Another edition entitled :] The Geographical Distribution of British Plants . . . Third edition. Pt. I.† *pp. iv, 259 : text illust.* 8⁰. *London*, 1843.

Watson (H. C.) Bemerkungen über die geographische Vertheilung und Verbreitung der Gewächse Grossbritanniens . . . Uebersetzt und mit Beilagen und Anmerkungen versehen von C. T. Beilschmied, *&c.* *pp. xx, 261.* 8⁰. *Breslau*, 1837.

Watson (H. C.) The new Botanist's Guide to the localities of the Rarer Plants of Britain, *&c.* 2 Vol. 8⁰. *London*, 1835-37.

Watson (H. C.) The London Catalogue of British Plants [Compiled by H. C. Watson], *&c.* *See* LONDON CATALOGUE. 8⁰. 1844.

—— Another edition. s.sh. [ ]

—— Second edition. fol. [ ]

—— Third edition. 8⁰. 1850.

—— Fourth edition. 8⁰. 1853.

—— Fifth edition. 8⁰. 1857.

—— Sixth edition. 8⁰. 1867.

—— Seventh edition. 8⁰. 1874.

Watson (H. C.) Testimonials in favour of H. C. Watson, as a candidate for a Chair of Botany in Ireland. *pp. 51.* 8⁰. *London* [1846].

Watson (H. C.) Cybele Britannica, or British Plants and their geographical relations. 4 Vol. *1 map.* 8⁰. *London*, 1847-59.

With manuscript notes by W. W. Newbould.
The author's original manuscript notes used in compiling the work are kept in the Botanical Department.

—— Part first of a Supplement to the Cybele Britannica, *&c.* *pp. 119.* 8⁰. *London*, 1860.

—— Second Supplement, *&c.* *See* infra, Supplement to the Compendium of Cybele Britannica, *&c.* 8⁰. 1872.

Watson (H. C.) A Compendium of the Cybele Britannica ; or British Plants in their geographical relations. *pp. vi, 651.* 8⁰. *London*, 1870.

—— Supplement . . . shewing the Distribution of British Plants through the 38 Sub-Provinces. Being also a second supplement to Cybele Britannica. *pp. 213 : 1 map.* 8⁰. *Thames Ditton*, 1872.

Watson (H. C.) Botany of the Azores. *See* GODMAN (F. D.) Natural History of the Azores, *&c.* 8⁰. 1870.

Watson (H. C.) Topographical Botany. Being local and personal records towards shewing the distribution of British Plants traced through the 112 counties and vice counties of England and Scotland. 2 Pt. *pp. iv, 740.* 8⁰. *Thames Ditton [privately printed]*, 1873-74.

With manuscript notes by W. W. Newbould.

—— Second edition, *&c.* *pp. xlvii, 612 : 1 map col.* 8⁰. *London*, 1883.

The author's manuscript notes for this work are kept in the Botanical Department.

WATSON (JOHN) *Entomologist.* On *Calinaga*, the single genus of an aberrant sub-family of Butterflies. *pp. 23 : 2 pls.* *See* MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLIII, no. 11. 8⁰. 1899.

WATSON (JOHN) *Petrologist.* British and Foreign Building Stones : a descriptive catalogue of the specimens in the Sedgwick Museum, Cambridge. *pp. viii, 483.* 8⁰. *Cambridge*, 1911.

WATSON (JOHN FORBES) [1827-1892] On the growth of Cotton in India : its present state and future prospects, with special reference to supplies to Britain. *[pp. 16 :] 1 map.* 8⁰. *London*, 1859.

Journ. Soc. Arts. Vol. VII.

Watson (JOHN F.) Index to the Native and Scientific Names of Indian and other Eastern Economic Plants and Products. Prepared . . by J. F. Watson, *&c.* *See* INDIA MUSEUM. 8⁰. 1868.

Watson (JOHN F.) Report on the Gums . . . and resinous products . . . in India. Prepared under the direction of [J. F. Watson] the reporter on the Products of India. *See* INDIA MUSEUM. 4⁰. 1874.

Watson (JOHN F.) Report on Indian Wheat. *pp. v, 68 : 1 map.* fol. *London*, 1879.

Blue-Book Report.

Watson (JOHN F.) *See* LONDON.—*International Exhibition, 1862.* A classified and descriptive Catalogue of the Indian Department, *&c.* 8⁰. 1886.

WATSON (JOHN WILLIAM) [1830-] & **Dixon** (R.) A descriptive Manual of British Land and Fresh-water Shells, *&c.* *See* DIXON (R.) & WATSON (J. W.) 8⁰. 1858.

WATSON (KENRICK) Statistical and general history (topography and natural history) of Worcestershire . . . Fasciculus III. Parishes of Areley Kings and Shrawley. *pp. 29.* *See* WORCESTERSHIRE NATURAL HISTORY SOCIETY. [Publications, *&c.*] 8⁰. [1840?]

WATSON (MORRISON) [1845 ?-1885] Report on the Anatomy of the Spheniscidæ collected during the Voyage of H.M.S. Challenger, *&c.* *pp. 244 : 19 pls. (col.), text illust.* *See* GREAT BRITAIN & IRELAND.—[*Voyages &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. XVIII.) Vol. VII. 4⁰. 1883.

WATSON (PETER WILLIAM) [1761-1830] Dendrologia Britannica, or Trees and Shrubs that will live in the open air of Britain throughout the year, *&c.* 2 Vol. *illust. col.* 8⁰. *London*, 1825.

WATSON (Robert Boog) [1823-1910] Mollusca of H.M.S. 'Challenger' Expedition. 20 Pt. [in 1 Vol.] 8⁰. *London*, (1878-83).
Journ. Linn. Soc. Lond. Vol. xiv-xvii.

Watson (R. B.) Report on the Scaphopoda and Gasteropoda collected by H.M.S. Challenger . . . 1873-76. *pp. v, 756 : 53 pls. (col.), text illust. See* Great Britain & Ireland.—[*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology. (Pt. xlii.) Vol. xv. 4⁰. 1886.

Watson (R. B.) [Manuscript notes on Mollusca.] 8⁰. [? 1863-1892.]

Watson (R. B.) [Autograph notes on the Mollusca obtained by the Challenger Expedition.] 8⁰. [1873-1883.]

WATSON (Sereno) [1826-1892] Catalogue of the Known Plants of Nevada and Utah, with descriptions of such of the Phænogamous genera and species as do not occur east of the Mississippi River. *See* United States.—*Geological Exploration of the Fortieth Parallel.* Report, *&c.* Vol. v. Botany. By S. Watson . . . and others. 4⁰. 1871.

Watson (S.) List of Plants collected in Nevada, Arizona, and Utah . . . in 1871 and 1872. (Botanical Report.) *See* United States.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Catalogue of Plants collected in . . . 1871-73, *&c.* 8⁰. 1874.

Watson (S.) Bibliographical Index to North American Botany . . . With a chronological arrangement of the Synonymy. Pt. i. Polypetalæ. *pp. viii, 476. See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. xv, Art. 1. 8⁰. 1878.

Watson (S.) Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona . . . By J. T. Rothrock . . and . . S. Watson, *&c. See* United States.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. vi. Botany, chap. 4. 4⁰. 1878.

Watson (S.) [Botany of California.] *See* California, *State of.—Geological Survey.* Botany, Vol. ii. 8⁰. 1880.

Watson (S.) [Plants of Guatemala.] *See* Brigham (W. T.) Guatemala, *&c.* Appendix. 8⁰. 1887.

Watson (S.) Manual of the Botany of the northern United States . . . Sixth edition . . . Extended westward to the 100th Meridian by S. Watson, *&c. See* Gray (A.) 8⁰. 1890.

Watson (S.) Synoptical Flora of North America: Vol. i, pt. 1, fasc. 1 . . . By A. Gray and S. Watson, *&c. See* Gray (A.) 8⁰. 1895.

Watson (S.) & **Brewer** (W. H.) [Polypetalæ of California.] *See* California, *State of.—Geological Survey.* Botany. Vol. i. 8⁰. 1876.

Watson (S.) & **Gray** (A.) [Leguminosæ of Central Colorado.] *See* United States.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Catalogue of Plants collected in . . . 1871-73, *&c.* 8⁰. 1874.

WATSON (Thomas Leonard) [1871-] A Bibliography of the Geological, Mineralogical and Paleontological Literature of the State of Virginia. *pp. 109. See* Ithaca.—cornell university. Bulletins of American Paleontology. No. 7. 8⁰. 1897.

Watson (T. L.) A preliminary Report on a part of the Granites and Gneisses of Georgia. *pp. 367 : 32 pls., 6 maps (geol. col.), text illust. See* Georgia, *State of.—Geological Survey.* Bulletin No. 9 a. 8⁰. 1902.

Watson (T. L.) A preliminary Report on the Bauxite deposits of Georgia. *pp. 169 : 14 pls., 1 map. See* Georgia, *State of.—Geological Survey.* Bulletin No. 11. 8⁰. 1904.

Watson (T. L.) A preliminary Report on the Ocher deposits of Georgia. *pp. 81 : 12 pls. (1 col.), 5 maps, text illust. See* Georgia, *State of.—Geological Survey.* Bulletin No. 13. 8⁰. 1906.
Plate 2 is in duplicate.

Watson (T. L.) A preliminary Report on the Manganese deposits of Georgia. *pp. 195 : 8 pls., 6 maps (1 geol. col.), text illust. See* Georgia, *State of.—Geological Survey.* Bulletin No. 14. 8⁰. 1908.

Watson (T. L.) Granites of the southeastern Atlantic States. *pp. 282 : 22 pls., 5 maps, text illust. See* United States.—*Geological Survey.* Bulletin 426. 8⁰. 1910.

WATSON (White) [fl. 1773-1831] An Explanation of a Tablet, representing a section of the strata in Derbyshire. *pp. vi, 26.* 12⁰. *Bakewell*, 1797.

Watson (White) A Delineation of the Strata of Derbyshire . . . from Bolsover . . . to Buxton . . . Together with a description of the fossils found in these strata, *&c. pp. viii, iii, 76 : 5 pls. (4 col.)* 4⁰. *Sheffield*, 1811.
Three coloured manuscript sections have been inserted.

WATSON (William) Cactus Culture for Amateurs *&c. pp. 270 : 1 pl., text illust.* 8⁰. *London*, [1899]

WATSON BOTANICAL EXCHANGE CLUB.
[Founded 1884.]
Annual Report, *&c.* No. i→ 8⁰. *York, &c.*, 1885→
Wanting No. 1.

—— Reprint. No. 1. 8⁰. *Ledbury*, 1909.

WATT (*Sir* George) [1851-] First Step in Botany, being an introductory treatise on the Vegetation of Bengal, *&c. [pp. 360 :] text illust.* 8⁰. *Calcutta*, 1876.
With the exception of the English title-page and preface, the work is printed in Bengali.

Watt (*Sir* G.) Report on Indian Fibres . . . with notes of methods of treatment and uses prevalent in India. By . . . G. Watt. *See* Cross (C. F.) *& others.* 8⁰. 1887.

Watt (*Sir* G.) Selections from the Records of the Government of India, Revenue and Agricultural Department. By the Reporter on Economic Products [*i.e.* G. Watt]. Vol. i-ii, pt. 4. *See* India.—*Department of Revenue and Agriculture.* 8⁰. 1888-90.

Watt (*Sir* G.) A Dictionary of the Economic Products of India. 6 Vol. [in 9.] 8⁰. *London & Calcutta*, 1889-93.

—— Index. Prepared by E. Thurston, *&c. pp. 165.* 8⁰. *Calcutta*, 1896.

Watt (*Sir* G.) Review of Mineral Production in India for 1894 (—1895-1896). *See* India.—*Department of Revenue and Agriculture.* fol. 1895-1897.

Watt (*Sir* G.) The Pests and Blights of the Tea Plant, being a report of investigations conducted in Assam and . . in Kangra. *pp. iii, 467, xvii : text illust.* 8⁰. *Calcutta*, 1898.

—— (Second edition.) By Sir G. Watt . . . and H. H. Mann. *pp. xv, 429 : 24 pls., text illust.* 8⁰. *Calcutta*, 1903.

Watt (*Sir* G.) Memorandum on the organization of Indian Museums. *See* India. fol. [1900.]

Watt (*Sir* G.) Chief Indian Animal Products and Industries. Provisional list of notes and references. *pp. 112.* 8⁰. [*Simla*, 1902.]

Watt (*Sir* G.) The wild and cultivated Cotton Plants of the World: a revision of the genus *Gossypium*, *&c.* *pp. xiv, 406: 53 pls. (col.)* 8⁰. *London*, *&c.*, 1907.

Watt (*Sir* G.) The Commercial Products of India, being an abridgment of "The Dictionary of the Economic Products of India." *pp. viii, 1189.* 8⁰. *London*, 1908.

Watt (*Sir* G.) & **Mann** (H. H.) The Pests and Blights of the Tea Plant. (Second edition.) By Sir G. Watt .. and H. H. Mann. *See* WATT (*Sir* G.) 8⁰. 1903.

WATT (JOHN ALEXANDER) [Economic Geology of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. III. 4⁰. 1896.

Watt (J. A.) Notes on the occurrence of Bismuth Ores in New South Wales. *pp. 11.* *See* NEW SOUTH WALES. —*Department of Mines.* Mineral Resources. No. 4. 8⁰. 1898.

Watt (J. A.) Report on the Wyalong Gold-field. *pp. 40: 1 map col., text illust.* *See* NEW SOUTH WALES. —*Department of Mines.* Mineral resources. No. 5. 8⁰. 1899.

Watt (J. A.) & **Smeeth** (W. F.) [Petrology of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. III. 4⁰. 1896.

Watt (J. A.) & **Tate** (R.) [Physical Geography & General Geology of Central Australia.] *See* HORN (W. A.) Report on the work of the Horn Scientific Expedition, *&c.* Pt. III. 4⁰. 1896.

Watt (J. A.) & **Tate** (R.) Report of the Physical Geography of Central Australia. *See* SOUTH AUSTRALIA. Journal of the Horn scientific exploring expedition, 1894, *&c.* 8⁰. 1897.

WATT (ROBERT) [1774-1819] Bibliotheca Britannica; or a general index to British and foreign Literature. 4 Vol. 4⁰. *Edinburgh*, 1824.

WATT (W.) The currents, temperatures and physical conditions of the Sea in relation to reproduction, growth and migrations of Fish, *&c.* *See* LONDON.—*Great International Fisheries Exhibition, 1883.* 8⁰. 1884.

WATTENWYL (CARL BRUNNER VON) *See* BRUNNER VON WATTENWYL.

WATTERS (JOHN J.) The natural history of the Birds of Ireland .. containing descriptions of the habits, migrations, occurrence, and economy, of the 261 species, *&c.* *pp. xv, 299.* 8⁰. *Dublin*, 1853.

WATTEYNE (VICTOR) Report on the Coal-boring at Shakespeare Cliff, Dover (between Dover and Folkestone), near the sea-shore, *&c.* *See* BRADY (F.) Dover Coal Boring, *&c.* 8⁰. [1892.]

WATTS (FRANCIS) [1859-] Nature Teaching based upon the general principles of Agriculture, *&c.* *See* WEST INDIES.—*Imperial Department of Agriculture.* 8⁰. 1901.

Watts (F.) Soils of Dominica. Report on the Physical and Chemical Analyses . . . 1902. *See* WEST INDIES. — *Imperial Department of Agriculture.* fol. 1903.

WATTS (HENRY) [1815-1884] A Dictionary of Chemistry and the allied branches of other Sciences. (First—Third Supplement.) 8 Vol. [in 9.] 8⁰. *London*, 1863-81.

—— [Second edition.] Rewritten by H. F. Morley . . . and M. M. P. Muir, *&c.* 4 Vol. 8⁰. *London*, 1888-94.

WATTS (JOHN) The Voyage of Governor Phillip to Botany Bay . . . to which are added the journals of Lieuts. Shortland, Watts, *&c.* *See* PHILLIP (A.) 4⁰. 1789.

WATTS (W. L.) The Gas and Petroleum yielding formations of the Central Valley of California. *pp. 100: 5 pls., 4 maps, text illust.* *See* CALIFORNIA, *State of*— STATE MINING BUREAU. Bulletin, *&c.* No. 3. 8⁰. 1894.

Watts (W. L.) Oil and Gas yielding formations of Los Angeles, Ventura, and Santa Barbara Counties. Pt. I. *pp. x, 94: 11 pls., 6 maps, text illust.* *See* CALIFORNIA, *State of.*—STATE MINING BUREAU. Bulletin, *&c.* No. 11. 8⁰. 1897.

WATTS (WILLIAM H.) Observations on a Tour through the Highlands . . . of Scotland . . . By T. Garnett . . . Illustrated by . . . W. H. Watts. 2 Vol. *See* GARNETT (J.) 4⁰. 1800.

WATTS (WILLIAM MARSHALL) [1844-] Index of Spectra . . . With a Preface by H. E. Roscoe. *pp. xvi, 74: 9 pls. (1 col.)* 8⁰. *London*, 1872.

—— Appendix B (—W). 22 No. 8⁰. *Manchester*, 1891-1914.

Watts (WILLIAM M.) [A School Flora, for the use of elementary botanical classes. 8⁰. *London*, 1878.] Wanting.

—— [Revised edition.] *pp. 184.* 8⁰. *London*, 1881.

—— [Another edition.] *pp. 199.* 8⁰. *London*, 1887.

Watts (WILLIAM M.) An Introduction to the study of Spectrum analysis. *pp. vii [ii,] 325. 1 pl. col., text illust.* 8⁰. *London*, *&c.*, 1904.

WATTS (WILLIAM WHITEHEAD) [1860-] List of Works on the Geology, Mineralogy, and Palæontology of Shropshire . . . 1873-1887. *See* WHITAKER (W.) 8⁰. 1889.

Watts (WILLIAM W.) & **McHenry** (A.) Guide to the Collections of rocks and fossils belonging to the Geological Survey of Ireland, arranged in . . . the Museum of Science and Art, Dublin. *See* GREAT BRITAIN & IRELAND.—*Geological Survey: Ireland.* 8⁰. 1895.

—— [Another edition.] 8⁰. 1898.

WATZEL (CAJETAN) Vegetations-Beobachtungen im Horizonte von Böhm. Leipa, *&c.* *pp. 71.* 8⁰. *Böhmisch-Leipa*, 1854. Progr. k. k. Ober-Gymn. Böhmisch-Leipa.

Watzel (C.) Beschreibung der im Horizonte von Böhmisch-Leipa vorkommenden Gesteine und Mineralien. *pp. 28: 1 map, text illust.* 8⁰. *Böhm. Leipa*, 1862. Progr. k. k. Ober-Gymn. Böhmisch-Leipa.

Watzel (C.) Die geognostischen Verhältnisse der Gegend von Böhmisch-Leipa. *pp. 12: text illust.* 8⁰. *Böhmisch-Leipa*, 1868. Progr. k. k. Ober-Gymn. Bohmisch-Leipa.

WATZL (BRUNO) *Veronica prostrata*, L., *Teucrium*, L., und *austriaca*, L., nebst einem Anhang über deren nächste Verwandte. *pp. 94: 14 pls., 1 text illust.* *See* VIENNA. — KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. v, no. 5. 8⁰. 1910.

WAUGH (James W.) Waugh's Australian Almanac, *&c.* 1859 & 1860. *illust.* 12⁰. *Sydney*, 1859, 60.

WAUGH (Richard) The Botanist's Guide through the Counties of Northumberland and Durham. Vol. I. *See* Winch (N. J.) *& others.* 8⁰. 1805.

WAUTERS (Alphonse Jules) [1845–] Bibliographie du Congo: 1880–1895. Catalogue, *&c. pp. xlix, 356.* 8⁰. *Bruxelles*, 1895.

Wauters (A. J.) Le Mouvement géographique: journal . . . publié sous la direction de A. J. Wauters. Ann. XIII–XXVII. *See* Mouvement Géographique. fol. 1896–1910.

WAWRA VON FERNSEE (Heinrich) [1831–1887] Lichenes Capenses quos collegit in itinere 1857–58 Dr. Wawra. *See* Massalongo (A. B.) 4⁰. 1861.

Wawra von Fernsee (H.) Botanische Ergebnisse der Reise seiner Majestät des Kaisers von Mexico Maximilian I. nach Brasilien (1859–60) . . . beschrieben und herausgegeben von H. Wawra. *pp. xvi, 234: 104 pls.* fol. *Wien*, 1866.

Wawra von Fernsee (H.) Itinera Principum S. Coburgi. Die botanische Ausbeute von den Reisen ihrer Hoheiten der Prinzen von Sachsen-Coburg-Gotha. I. Reise der Prinzen Philipp und August um die Welt (1872–73). II. Reise der Prinzen August und Ferdinand nach Brasilien (1879). Beschrieben von . . . H. Wawra v. Fernsee (bearbeitet und herausgegeben von . . . G. von Beck). 2 Thl. *illust. col.* 4⁰. *Wien*, 1883–88.

Wawra von Fernsee (H.) Ternstrœmiaceæ. *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. XII, pt. 1. fol. 1886.

Wawra von Fernsee (H.) & **Peyritsch** (J. J.) Sertum Benguelense. Aufzählung und Beschreibung der auf der Expeditionsfahrt Sr. M. Corvette "Carolina" an der Küste von Benguela von . . . H. Wawra gesammelten Pflanzen. *pp. 46.* 8⁰. *Wien*, 1860.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. XXXVIII.

WAYMOUTH (George) [Voyage towards the North: 1601–2.] *See* Hakluyt Society. Works, *&c.* No. 5. 8⁰. 1849.

Waymouth (G.) The voyages of Capt. L. Foxe . . . and Capt. T. James . . . in 1831–32; with narratives of the earlier North-west voyages of . . Weymouth . . . and others. Edited . . . by M. Christy. 2 Vol. *See* Hakluyt Society. Works, *&c.* No. 88, 89. 8⁰. 1894.

WEARDALE NATURALISTS' FIELD CLUB.
[Founded 1896.]
Transactions, *&c.* Vol. I, pt. 1 & 2.†
8⁰. *Bishop Auckland*, 1900, 04.

WEATHERS (John) [1867–] A Practical Guide to Garden Plants . . . also . . . Fruits and Vegetables that may be grown in the open air in the British Islands, with full . . . instructions as to Culture and Propagation. *pp. xii, 1192: text illust.* 8⁰. *London, &c.*, 1901.

WEAVER (Charles Edwin) [1880–] Geology and Ore deposits of the Blewett mining district. *pp. 104: 7 pls., 1 map geol. col., text illust. See* Washington, *State of.—Geological Survey.* Bulletin No. 6. 8⁰. 1911.

Weaver (C. E.) Geology and Ore deposits of the Index mining district. *pp. 96: 5 pls., 1 map geol. col., text illust. See* Washington, *State of.—Geological Survey.* Bulletin No. 7. 8⁰. 1912.

Weaver (C. E.) A preliminary Report on the Tertiary Paleontology of western Washington. *pp. 80, iii: 15 pls. printed back to back, 1 map. See* Washington, *State of.—Geological Survey.* Bulletin No. 15. 8⁰. 1912.

Weaver (C. E.) Geology and Ore Deposits of the Covada mining district. *pp. 87: 3 pls., 2 maps, text illust. See* Washington, *State of.—Geological Survey.* Bulletin No. 16. 8⁰. 1913.

WEAVER (J.) The history of Harting . . . with . . . some notice of its Fauna & Flora, by J. Weaver. *See* Gordon (H. D.) 8⁰. 1877.

WEAVER (Thomas) [1773–1855] A Treatise on the external characters of Fossils. Translated [with additions] from the German of A. G. Werner. By T. Weaver. *See* Werner (A. G.) 8⁰. 1805.

Weaver (T.) On the Mineral Structure of the south of Ireland, with correlative matter in Devon and Cornwall, Belgium, the Eifel, *&c. pp. 46.* 8⁰. *London*, 1840.
Phil. Mag. Vol. XVI.

WEBB (Ernest John Herbert) The Geology of the Parapara sub-division, Karamea, Nelson. By J. M. Bell, assisted by E. J. H. Webb, *&c. pp. x, 111, 1 tab.: 30 pls. (col.), 11 maps (3 geol. col.), text illust. See* New Zealand.—*Geological Survey.* Bulletin (New Series) No. 3. 4⁰. 1907.

Webb (E. J. H.) The Geology of the Mount Radiant sub-division, Westport division. *pp. vi, 46: 1 pl. col., 3 maps col. See* New Zealand.—*Geological Survey.* Bulletin (New Series) No. 11. 4⁰. 1910.

WEBB (Francis Cornelius) [1826–1873] The Teeth in Man and the Anthropoid Apes; being a review of the various publications on the subject by Prof. Owen . . . and an Essay on the Teeth in the varieties of Man. *pp. 57.* 4⁰. [*London*, 1860.]
Reprinted from the "Dental Review." Vol. II.

WEBB afterwards **Loudon** (Jane)
See Loudon formerly Webb.

WEBB (Jesse Lee) The Western Pine-destroying Barkbeetle.—The Southern Pine Sawyer. *See* United States. — *Department of Agriculture. — Entomology Division.* Bulletin No. 58, pt. II & IV. 8⁰. 1906–09.

Webb (Jesse L.) A preliminary synopsis of Cerambycoid larvæ. *See* United States.—*Department of Agriculture.—Entomology Division.* Technical Series No. 20, pt. V. 8⁰. 1912.

WEBB (Philip Barker) [1793–1854] Iter Hispaniense, or a Synopsis of Plants collected in the southern provinces of Spain and in Portugal, with geographical remarks and observations on rare and undescribed species. *pp. 80.* 8⁰. *Paris & London*, 1838.

Webb (P. B.) Otia Hispanica, seu Delectus Plantarum rariorum aut nondum rite notarum per Hispanias sponte nascentium. 2 Pt.† *pp. 15: 6 pls.* fol. *Parisiis*, 1839.
Pt. 2 contains:—"Phycæ novæ vel minus notæ, auctore C. Montagne."

—— [Another edition.] *pp. 52: 42 pls. (col.)* 4⁰. *Parisiis*, 1853.
In this extended edition Montagne's contribution occupies pp. 12–17. The numeration of the plates goes to 45, but "Tab. 6–10" are on one and there is a 36A.

Webb (P. B.) Spicilegia Gorgonea; or a Catalogue of all the Plants as yet discovered in the Cape de Verd Islands. From the Collections of J. D. Hooker . . . T. Vogel & other travellers. *See* Hooker (*Sir* W. J.) Niger Flora, *&c.* 8⁰. 1849.

Webb (P. B.) Fragmenta Florulæ Æthiopico-Ægyptiacæ ex Plantis præcipue ab A. Figari musæo I. R. Florentino missis. *pp. 72.* 8⁰. *Parisiis*, 1854.
pp. 1-24 consist of a reprint of the "Florula Æthiopico-Ægyptiaca," *&c.* By WEBB (P. B.) & PARLATORE (P.) [*q.v.*]

Webb (P. B.) Elogio di F. [*i.e.* P.] B. Webb. *See* PARLATORE (F.) 4⁰. 1856.

Webb (P. B.) Notice sur la Vie et les Travaux de P. Barker-Webb. *See* GAY (J.) 8⁰. 1856.

Webb (P. B.) Webbia. Raccolta di scritti botanici pubblicati in occasione del 50° anniversario della morte di F. B. Webb, *&c.* *See* MARTELLI (U.) 8⁰. 1905.
In this collection are included a copy of Webb's will and some of his letters to Camille Montagne.

Webb (P. B.) & **Berthelot** (S.) Histoire naturelle des Îles Canaries, par MM. P. Barker-Webb et S. Berthelot, *&c.* 3 Tom [in 10] & Atlas. 4⁰. & fol. *Paris*, 1835-44.
Issued in 106 fortnightly parts, the contents of which cannot at present be ascertained.
Tom. I.
Pt. 1. Ethnographie, *&c.* Par S. Berthelot. *pp. 335.* 1842.
,, 2. Miscellanées Canariennes. (Par S. Berthelot.) *pp. 251.* 1839.
Atlas. *62 pls.* 1835.
Tom. II.
Pt. 1. Géographie . . . Statistique et . . . Géologie. *pp. 417.* 1839.
,, 2. Zoologie 1836-44.
Introduction (Mammifères) par M. P. Barker-Webb. *pp. 12.*
Ornithologie . . . par MM. P. Barker-Webb, S. Berthelot, et M. A. Moquin-Tandon. *pp. 48 : 4 pls. col.*
Reptiles . . . par M. P. Gervais. *pp. 5 : 1 pl.*
Ichthyologie . . . par M. A. Valenciennes. *pp. 109 : 26 pls.*
Mollusques, Échinodermes, Foraminifères et Polypiers . . . par A. D'Orbigny. *pp. 153 : 14 pls.*
Entomologie (Animaux articulés). *pp. 119 : 8 pls.* (Introduction par M. Brullé. Crustacés par M. Brullé.—Arachnides, Myriapodes et Thysanoures par M. H. Lucas.—Insectes par M. Brullé.—Diptères par M. Macquart.)
Tom. III.
Pt. 1. Géographie Botanique. *pp. 181.* 1840.
,, 2. Phytographia. Sect. 1. *pp. 218 : 51 pls.* 1836-40.
,, ,, 2. *pp. 496 : 113 pls.* 1836-50.
,, ,, 3. *pp. 479 : 115 pls.* 1836-50.
,, ,, 4. Plantes cellulaires. By C. Montagne. *pp. 208 : 9 pls.* 1840 [-41].
Atlas fol. (Géographie descriptive, Géologie et Géographie Botanique.) *36 pls. in 3 series.* 1838.

Webb (P. B.) & **Berthelot** (S.) Synopsis Molluscorum terrestrium et fluviatilium quæ in itineribus per Insulas Canarienses, observarunt P. B. Webb et S. Berthelot. *pp. 23.* 8⁰. *Paris*, 1833.
Ann. Sci. Nat. Tom. XXVIII.

Webb (P. B.) & **Berthelot** (S.) List of the Shells of the Canaries in the . . . British Museum. Collected by MM. Webb and Berthelot, *&c.* *See* BRITISH MUSEUM (NATURAL HISTORY).—*Zoology.* [*Mollusca.*] 12⁰. 1854.

Webb (P. B.) & **Parlatore** (F.) Florula Æthiopico-Ægyptiaca, sive enumeratio Plantarum quas ex Æthiopia et Ægypto Musæo Regio Florentino misit A. Figari. *pp. 24.* 8⁰. *Florentiæ*, 1851.
Reprinted in "Fragmenta Florulæ Æthiopico-Ægyptiacæ," *&c.* *See* WEBB (P. B.)

WEBB (ROBERT HOLDEN) [*c.*1805-1880] & **Coleman** (W. H.) A Report of the progress made in the investigation of the Flora of Hertfordshire, with a catalogue of species known, or reported to have been found. *pp. 14.* 8⁰. (*Hertford*) [1843].

Webb (R. H.) & **Coleman** (W. H.) Flora Hertfordiensis: or a Catalogue of Plants found in the county of Hertford, with the stations of the rarer species. (Supplement up to April, 1851.—Supplement No. II up to June, 1859.) *pp. xlvi, 390 (20, 23)* 8⁰. *London*, 1849 [-59].

WEBB (WILFRED MARK) [1868-] *See* JOURNAL OF MALACOLOGY, *The* . Edited by W. M. Webb, *&c.* Vol. IV VI. 8⁰. 1895-97.

Webb (W. M.) A Nature Calendar by G. White . . . Edited with an Introduction by W. M. Webb. *See* WHITE (G.) 4⁰. 1911.

Webb (W. M.) & **Sillem** (C.) The British Woodlice, being a monograph of the Terrestrial Isopod Crustacea occurring in the British Islands. *pp. viii, 54 : 26 pls., text illust.* 8⁰. *London*, 1906.
Essex Naturalist. Vol. XIV.

WEBBER (HERBERT JOHN) Catalogue of the Flora of Nebraska. Protophyta—Anthophyta. *See* NEBRASKA, *State of.—Nebraska State Board of Agriculture.* Report of the Botanist, *&c.* 8⁰. 1890.

—— Appendix, *&c.* *See* ST. LOUIS.—WASHINGTON UNIVERSITY.—*Henry Shaw School of Botany.* Contributions, *&c.* No. 9. 8⁰. 1892.

Webber (H. J.) Sooty Mold of the Orange and its treatment. *pp. 34 : 5 pls.* *See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 13. 8⁰. 1897.

Webber (H. J.) The Water Hyacinth, and its relation to navigation in Florida. *pp. 20 : 1 pl.* *See* UNITED STATES.—*Department of Agriculture.—Botany Division.* Bulletin No. 18. 8⁰. 1897.

Webber (H. J.) Xenia, or the immediate effect of Pollen, in Maize. *pp. 38 : 4 pls. (col.)* *See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 22. 8⁰. 1900.

Webber (H. J.) Spermatogenesis and Fecundation of *Zamia. pp. 100 : 7 pls.* *See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 2. 8⁰. 1901.

Webber (H. J.) [For official reports on Vegetable Pathology] *See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.*

Webber (H. J.) & **Orton** (W. A.) A Cowpea resistant to Root Knot (*Heterodera radicicola*). *See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 17. 8⁰. 1902.

Webber (H. J.) & **Swingle** (W. T.) The principal diseases of Citrous Fruits in Florida. *pp. 40 [1] : 8 pls. (col.), text illust.* *See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 8. 8⁰. 1896.

WEBER (ALOIS) Wissenschaftliche Ergebnisse der Reise von . . . G. Merzbacher im zentralen und östlichen Thian-Schan 1907-8. III. Mollusken. *pp. 26 : 4 pls.* *See* MUNICH.—KOENIGLICH BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XXVI, abh. 5. 4⁰. 1913.

WEBER, formerly **Van Bosse** (ANNA) *Madame* [1852-] Étude sur les Algues parasites des Paresseux. *pp. 24 : 2 pls.* *See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. III, dl. V. 4⁰. 1887.

Weber formerly **Van Bosse** (A.) *Madame.* Note sur les Caulerpa de l'île Taïti et sur un nouveau Caulerpa de la Nouvelle-Hollande. *pp. 8 : 2 pls., text illust.* 4⁰. [*Monaco*,] 1910.
Ann. Inst. Océanogr. Monaco. Tom. II, no. 1.

Weber formerly **Van Bosse** (A.) *Madame.* Liste des Algues du Siboga. I. Myxophyceæ, Chlorophyceæ, Phæophyceæ avec le concours de . . . T. Reinbold. *pp. 186 : 5 pls. (col.), text illust.* *See* WEBER (M. C. W.) Siboga-Expeditie . . . 1899-1900, *&c.* Monog. LIX a. 4⁰. 1913.

Weber formerly **Van Bosse** (A.) *Madame*, & **Foslie** (M. H.) The Corallinaceæ of the Siboga-Expedition. *See* WEBER (M.) Siboga-Expeditie . . . 1899–1900, *&c.* Monog. LXI. 4⁰. 1904.

Weber formerly **Van Bosse** (A.) *Madame*, & **Weber** (M. C. W.) Quelques nouveaux cas de Symbiose. *See* WEBER (M. C. W.) Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, *&c.* Bd. I. 8⁰. 1890.

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Weber (CARL A.) & **Mueller** (G.) Ueber eine frühdiluviale und vorglaziale Flora bei Lüneburg. I. Geologischer Teil von G. Müller und C. A. Weber. II. Palaeontologischer Teil von C. A. Weber. *pp. 78 : 18 pls.* *See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt*, *&c.* Abhandlungen, *&c.* Neue Folge, Hft. 40. 8⁰. 1904.

WEBER (CARL OTTO) [1827–1867] Ueber Ursprung, Verbreitung und Geschichte der Pflanzenwelt, *&c.* *pp. 19.* 8⁰. *Bremen*, 1857.

WEBER (EDUARD) Die mineralogische Sammlung des Königl. Friedrich-Wilhelms-Gymnasiums zu Kottbus. *pp. 51.* 8⁰. *Kottbus*, 1906.

WEBER (EMIL) [For official publications in connection with the Specialkarte] *See* SAXONY.—*Koenigliche Geologische Landesuntersuchung.* Erläuterungen zur geologischen Specialkarte, *&c.*

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Weber (ERNST H.) Dissertatio inauguralis medica de Ipecacuanha, quam . . . præside . . . E. H. Webero . . . defendet auctor, *&c.* *See* HERZOG (F. G.) 4⁰. 1826.

Weber (ERNST H.) De pulsu, resorptione, auditu et tactu. Annotationes anatomicæ et physiologicæ. *pp. viii, 175.* 4⁰. *Lipsiæ*, 1834.

Weber (ERNST H.) Zusätze zur Lehre vom Baue und den Verrichtungen der Geschlechtsorgane. *pp. 89 : 9 pls.* 4⁰. *Leipzig*, 1846.

WEBER (FRIEDRICH) *Botanist* [1781–1823] Nomenclator Entomologicus secundum Entomologiam Systematicam ill. Fabricii, adjectis speciebus recens detectis et varietatibus. *pp. viii, 171.* 8⁰. *Chilonii & Hamburgi*, 1795.

Printed in double column.

Weber (FRIEDRICH) *Botanist.* F. Weberi . . . Observationes Entomologicæ, continentes novorum quæ condidit generum characteres, et nuper detectarum specierum descriptiones. *pp. xii, 116* [*1*]. 8⁰. *Kiliæ*, 1801.

Weber (FRIEDRICH) *Botanist.* Botanische Briefe an . . . K. Sprengel . . . Ein Anhang zu seiner Einleitung in das Studium der Kryptogamischen Gewächse, *&c.* *pp. 111.* 8⁰. *Kiel*, 1804.

Weber (FRIEDRICH) *Botanist.* Archiv für die systematische Naturgeschichte. Bd. I, st. 1. [*Continued as:*] Beiträge zur Naturkunde . . . herausgegeben von . . . F. Weber, *&c.* Bd. I & II.† *See* BEITRAEGE ZUR NATURKUNDE. 8⁰. 1804–10.

Weber (FRIEDRICH) *Botanist.* Tabula exhibens Calyptratarum operculatarum, sive Muscorum frondosorum genera. *pp. 6.* fol. *Kiliæ*, 1813.

Printed on one side of the paper only.

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Weber (FRIEDRICH) *Botanist.* Hortus Kiliensis . . . Entworfen von F. Weber. *See* KIEL. — KOENIGLICHE CHRISTIAN-ALBRECHTS-UNIVERSITAET. 4⁰. 1822.

Weber (FRIEDRICH) *Botanist*, & **Mohr** (D. M. H.) Grossbritanniens Conferven. Nach Dillwyn . . . bearbeitet. 4 Hft. [in 1 Vol.] *illust.* 8⁰. *Göttingen*, 1803–05.

Weber (FRIEDRICH) *Botanist*, & **Mohr** (D. M. H.) Naturhistorische Reise durch einen Theil Schwedens. *pp. 207 : 3 pls.* 8⁰. *Göttingen*, 1804.

Weber (FRIEDRICH) *Botanist*, & **Mohr** (D. M. H.) Botanisches Taschenbuch auf das Jahr 1807. Deutschlands Kryptogamische Gewächse. Abth. I.† Filices, Musci Frondosi et Hepatici, *&c.* *pp. xlvi, 509 : 12 pls. col.* 8⁰. *Kiel*, 1807.

The alternative title reads :—"Handbuch der Einleitung in das Studium der Kryptogamischen Gewächse. Praktischer Theil," *&c.*

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WEBER (FRIEDRICH A.) Nuovo dizionario Italiano-Tedesco e Tedesco-Italiano. — Neues vollständiges Wörterbuch der Italienischen und der Deutschen Sprache. 2 Pt. [in 1 Vol.] 8⁰. *Lipsia* [1840].

Weber (FRIEDRICH A.) V. L. Brera medicinisch-practische Vorlesungen über die vornehmsten Eingeweidewürmer des menschlichen lebenden Körpers und die sogenannten Wurmkrankheiten. Aus dem Italianischen übersetzt und mit Zusätzen versehen von F. A. Weber. *See* BRERA (V. L.) 4⁰. 1803.

Weber (FRIEDRICH A.) New . . . Pocket-Dictionary of the English and German Languages . . . Stereotype edition, *&c.*—Neues Taschenwörterbuch, *&c.* 2 Thl. [in 1 Vol.] 8⁰. *Leipsick*, 1832.

WEBER (GEORG HEINRICH) [1752–1828] D. G. H. Weberi . . . Spicilegium Floræ Goettingensis, Plantas inprimis Cryptogamicas Hercyniæ illustrans. *pp.* [*xxiv*,] *288* [*16*] : *3 pls. col.* 8⁰. *Gothæ*, 1778.

Weber (G. H.) Primitiæ Floræ Holsaticæ . . . quas præside D. J. C. Kerstens . . . defendet auctor F. H. Wiggers [who states that he compiled it largely from the writings of G. H. Weber], *&c.* *See* WIGGERS (F. H.) 4⁰. [1780.]

[—— Supplementum Floræ Holsaticæ, auctore G. H. Weber. 8⁰. *Kilonii*, 1787.]

Wanting.

—— Supplementum alterum, *&c.* *See* NOLTE (E. F.) Novitiæ Floræ Holsaticæ, *&c.* 8⁰. 1826.

WEBER (JOANNES ANDREAS) Dissertatio medica inauguralis de Gentiana quam . . . submittit J. A. Weber, *&c.* *See* SLEVOGT (J. H.) 4⁰. [1720.]

WEBER (JOHANN CARL) Die Alpen-Pflanzen Deutschlands und der Schweiz in colorirten Abbildungen nach der Natur und in natürlicher Grösse mit einem erläuternden Text. 2 Bd. 12⁰. *München*, 1846.

The first part of this work appeared in 1845, a fresh title-page being substituted later ("Bot. Zeit." Jahrg. IV, 1846, p. 100).
A new issue in 4 parts was made in 1852 (Kayser, "Index Libr." Thl XII, p. 523).
A third, and last volume (*pp 8 : 108 pls. col.*) appeared in 1856.
A second edition of these three, with a fourth supplemental volume (*pp. 33 : 100 pls. col.*) was published in 1867–68; and a third edition of the whole in 1871.

—— Vierte Auflage, systematisch geordnet, mit Text von C. A. Kranz. 4 Bd. 12⁰. *München*, 1879.

Weber (JOHANN C.) Flora von Bayern. 6 Bd. *illust.* 8⁰. *München*, 1851–55.

Weber (JOHANN C.) & **Kranz** (C. A.) Die Fische Deutschlands und der Schweiz in . . . Abbildungen . . . von J. C. Weber. Zweite Auflage. Mit systematisch geordnetem Text von . . . C. A. Kranz. *pp. 61 : 67 pls. col.* 8⁰. *München*, 1870.

WEBER (JOSEPH) [1753–1831] Von den Meteor-Steinen und ihrem Entstehen. Eine Vorlesung. *pp. 34.* 8⁰. *Landshut*, 1820.

WEBER (LUDOVICUS) Dissertationem inauguralem chymico-medicam nonnulla ad Camphoram spectantia sistentem . . . præside . . . I. H. Schulze . . . submittet auctor, *&c.* *pp. 21.* 4⁰. *Halæ Magdeburgicæ* [1744].

WEBER (MAX CARL WILHELM) [1852–]
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Weber (MAX C. W.) Mededeelingen over Zoogdieren. *See* AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Feest-Nummer. V. 4⁰. 1888.

Weber (MAX C. W.) Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien herausgegeben von . . . M. Weber. 4 Bd. *illust.* 8⁰. *Leiden*, 1890–1907.

Bd. I. *pp. xi [i,] 460 : 25 pls. (col.), 3 maps, text illust.*
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Eigenthümliche Lagerung der Leber und Niere bei Siluroiden. Von M. Weber.
Anatomisches über den Rumpf der Hylobatiden . . . Von G. Ruge.
} 1890. 1891.

Bd. II. *pp. [i,] 571 : 30 pls. (col.), text illust.*
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} 1891.

[**Weber** (MAX C. W.) Zoologische Ergebnisse, *&c.* (contd.)]

[Bd. II. (contd.)]
Decapoden des Indischen Archipels. Von J. G. de Man.
Die Süsswasser-Crustaceen des Indischen Archipels, nebst Bemerkungen über die Süsswasser-Fauna im allgemeinen. Von M. Weber.
} 1892.

Bd. III. *pp. [i,] 476 : 22 pls. (col.)*
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Beiträge zur Anatomie der Landschnecken des Indischen Archipels. Von F. Wiegmann.
Notizen über Säugethiere des Indischen Archipels. Von M. Weber.
} 1893.
Ornithologische Sammlungen aus Celebes, Saleyer und Flores. Von J. Büttikofer.
Chilopoda, Symphyla and Diplopoda from the Malay Archipelago. By R. I. Pocock.
Die Süsswasser-Fische des Indischen Archipels, nebst Bemerkungen über den Ursprung der Fauna von Celebes. Von M. Weber.
} 1894.

Bd. IV. *pp. [ii,] 447 : 16 pls. (1 col.), text illust.*
Süss- und Brackwasser-Mollusken des Indischen Archipels . . . Von . . . E. von Martens.
} 1897.
Hirudinées des Indes Néerlandaises, par R. Blanchard.
Isopodes terrestres des Indes Néerlandaises recueillis par . . . M. Weber et par . . . F. et P. Sarasin . . . déterminés par A. Dollfus.
Amphibien des Indischen Archipels, von . . . P. N. van Kampen.
} 1907.

Weber (MAX C. W.) Le Laboratoire de Zoologie de l'Université d'Amsterdam. *See* PLEYTE (W.) *& others.* Guide Zoologique, *&c.* 8⁰. 1895.

Weber (MAX C. W.) Vorstudien über das Hirngewicht der Säugethiere. *See* HAECKEL (E. H. P. A.) *& others.* Festschrift zum siebenzigsten Geburtstage von C. Gegenbaur . . . 1896. Bd. III. 8⁰. 1897.

Weber (MAX C. W.) Siboga-Expeditie. Uitkomsten op Zoologisch, Botanisch, Oceanographisch en Geologisch Gebied verzameld in Nederlandsch Oost-Indië, 1899–1900, aan boord H. M. Siboga onder commando van . . . G. F. Tydeman uitgegeven door . . . M. Weber. Monog. I→ 4⁰. *Leiden*, 1901→

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IX.	38.	The Siphonophora . . . by A. D. Lens and T. van Riemsdijk. *pp. 130 [1] : 24 pls. (col.), text illust.*	1908.
X.	26.	Die Craspedoten Medusen . . . von O. Maas. *pp. 84 : 14 pls. (col.)*	1905.
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XIII.	6.	Die Gorgoniden . . . I. Die Chrysogorgiidæ, von J. Versluys. *pp. 120 : text illust.*	1902.
XIII a.	27.	—— II. Die Primnoidæ, von J. Versluys. *pp. 187 : 10 pls., 1 map, text illust.*	1906.
,, b.	47.	—— III. The Muriceidæ, by C. C. Nutting. *pp. 108 : 22 pls.*	1910.
,, b^1.	48.	—— IV. The Plexauridæ, by C. C. Nutting. *pp. 19 [1] : 4 pls.*	1910.
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,, b^3.	52.	—— VI. The Gorgonellidæ, by C. C. Nutting. *pp. 39 : 11 pls.*	1910.
,, b^4.	54.	—— VII. The Gorgonidæ, by C. C. Nutting. *pp. 9 [2] : 3 pls.*	1910.
,, b^5.	57.	—— VIII. The Scleraxonia, by C. C. Nutting. *pp. 62 : 12 pls.*	1911.
,, c.	35.	Die Alcyoniden . . . I. Coralliidæ, by S. J. Hickson. *pp. 7 [1] : 1 pl. col.*	1907.
,, ,,	,,	—— II. *Pseudocladochonus Hicksoni*, n. g., n. sp., von J. Versluys. *pp. 31 [1] : 2 pls., text illust.*	1907.

Weber (Max C. W.) Siboga-Expeditie, *&c.* (contd.)]

Monog. Livr.
xv a. 53. The Actiniaria . . . by J. P. McMurrich. Pt. I. Ceriantharia. *pp. 48 : 1 pl., text illust. (col.)* 1910.
xvi a. 7. Report on the Deep-Sea Madreporaria . . . by A. Alcock. *pp. 51 [1] : 5 pls.* 1902.
xvii. 73. The Antipatharia . . . by . . A. J. van Pesch. *pp. iv, 258 [6], 1 tab. : 8 pls., text illust.* 1914.
xx. 34. Die Nematomorpha . . . von H. F. Nierstrasz. *pp. 21 [1] : 3 pls (col.)* 1907.
xxi. 28. The Chætognatha . . . by G. H. Fowler. *pp. [i] 86 : 3 pls., 6 maps.* 1906.
xxiv[1] a. 62. Polychæta Errantia . . . by R. Horst. Pt. I. Amphinomidæ. *pp. 43 : 10 pls.* 1912.
xxv. 8. Die Sipunculiden und Echiuriden . . . von C. P. Sluiter. *pp. 53 : 4 pls., text illust.* 1902.
xxvi. 33. Studien über die Enteropneusten . . . von J. W. Spengel. *pp. 126 [1] : 17 pls. (col.), text illust.* 1907.
xxvi bis. 22. The Pterobranchia . . . by S. F. Harmer. *pp. 132 : 14 pls. (col.), text illust.* 1905.
xxix a. 44. The Copepoda . . . by A. Scott. Pt. I. Free-swimming, littoral and semi-parasitic Copepoda. *pp. 323 : 69 pls.* 1909.
xxx. 30. Die Ostracoden . . . von G. W. Müller. *pp. 40 : 9 pls.* 1906.
xxxi a. 36. } The Cirripedia . . . by P. P. C. Hoek. A. Cirripedia Pedunculata (B. Cirripedia Sessilia). *pp. xxv, 275 : 27 pls., text illust.* 1907–13.
,, b. 67. }
xxxii a. 72. Die Ispoden . . . von H. F. Nierstrasz. *pp. 56 : 3 pls.* 1913.
xxxiv. 12. Die Caprellidæ . . . von P. Mayer. *pp. 160 : 10 pls.* 1903.
xxxvi. 23. The Cumacea . . . by W. T. Calman. *pp. 23 : 2 pls., text illust.* 1905.
xxxvii. 51. The Schizopoda . . . by H. J. Hansen. *pp. 123 : 16 pls., text illust.* 1910.
xxxix a. { 55. 60. 69. } The Decapoda . . . by J. G. de Man. 3 Pt. *pp. 465 : 10 pls.* 1911–13.
,, b. 71. The Decapoda Brachyura . . . von J. E. W. Ihle. I. Dromiacea. *pp. 96 : 4 pls., text illust.* 1913.
xl. 40. Die Pantopoden . . . von J. C. C. Loman. *pp. 87 [1], 1 tab. : 15 pls., text illust.* 1908.
—— [Erratum to p. 66.] *1 p.* 1911.
xlii a. 37. Die Gestielten Crinoiden . . . von L. Döderlein. *pp. 52 [2] : 23 pls., text illust.* 1907.
xliii. 14. Die Echinoidea . . von J. C. H. de Meijere. *pp. 251 [1] : 23 pls.* 1904.
xliv. 1. Die Holothurien . . . von C. P. Sluiter. *pp. 141 [1] : 10 pls. (col.)* 1901.
xlv a. 15. Ophiures . . . 1e Partie : Ophiures de mer profonde, par R. Koehler. *pp. 176 : 36 pls.* 1904.
,, b. 21. —— 2e Partie : Ophiures littorales, par R. Koehler. *pp. 142 : 18 pls.* 1905.
xlvii. 5. The Solenogastres . . . by H. F. Nierstrasz. *pp. 46 [1] : 6 pls. col.* 1902.
xlviii. 20. Die Chitonen . . . von H. F. Nierstrasz. *pp. 112 [2] : 8 pls. (col.)* 1905.
xlix[1] a. 39. }
,, b. 43. }
,, c. 46. } The Prosobranchia, Pulmonata and Opisthobranchia Tectibranchiata . . . by M. M. Schepman. 6 Pt. *pp. 494 : 32 pls., text illust.* 1908–13.
,, d. 58. }
,, e. 64. }
,, f. 66. }
xlix[2]. 42. Parasitische Prosobranchier . . . von M. M. Schepman und H. F. Nierstrasz. *pp. 26 [1] : 2 pls.* 1909.
l. 25. Die Opisthobranchiata . . . von R. Bergh. *pp. 248 : 20 pls. (col.)* 1905.
li. 29. Die Heteropoden . . . von J. J. Tesch. *pp. 112 : 14 pls. (col.)* 1906.
lii. 16. The Thecosomata and Gymnosomata . . . by J. J. Tesch. *pp. 92 : 6 pls. (col.)* 1904.
liii a. 61. Les Lamellibranches . . . Partie Anatomique, par P. Pelseneer. *pp. 125 : 26 pls.* 1911.
,, b. 63. —— Partie Systématique. I. Pectinidés, par P. Dautzenberg et A. Bavay. *pp. 41 : 2 pls (col.)* 1912.
liv. 32. The Scaphopoda . . . by M. Boissevain. *pp. 76 : 6 pls., text illust.* 1906.
lvi a. 17. } Die Tunicaten . . . I. Abth. Die Socialen und Holosomen Ascidien, von C. P. Sluiter. (Supplement.) *pp. 139 : 16 pls.* 1904, 05.
,, 24. }
,, b. 45. —— II Abth. Die Merosomen Ascidien, von C. P. Sluiter. *pp. 112 : 8 pls. (col.), text illust.* 1909.
,, c. 41. Die Appendicularien . . . von J. E. W. Ihle. *pp. 123 : 4 pls., text illust.* 1908.
,, d. 49. Die Thaliaceen (einschliesslich Pyrosomen) . . . von J. E. W. Ihle. *pp. 55 : 1 pl., text illust.* 1910.
lvii. 65. Die Fische . . . von M. Weber. *pp. 710 : 12 pls., text illust.* 1913.
lix a. 68. Liste des Algues . . . par A. Weber-van Bosse. I. Myxophyceæ, Chlorophyceæ, Phæophyceæ, avec le concours de M. T. Reinbold. *pp. 186 : 5 pls. (col.), text illust.* 1913.
lx. 2. The genus *Halimeda*, by E. S. Barton [afterwards Gepp]. *pp. 32 : 4 pls.* 1901.
lxi. 18. The Corallinaceæ . . . by A. Weber-van Bosse and M. Foslie. *pp. 110 : 16 pls., text illust.* 1904.
lxii. 56. The Codiaceæ . . . by A. and E. S. Gepp. *pp. 150 : 22 pls.* 1911.

Weber (Max C. W.) Die Säugetiere. Einführung in die Anatomie und Systematik der recenten und fossilen Mammalia. *pp. xi, [xii,] 866 : text illust.* 8⁰. *Jena*, 1904.

Weber (Max C. W.) Süsswasserfische von Neu-Guinea: ein Beitrag zur Frage nach dem früheren Zusammenhang von Neu-Guinea und Australien. *See* Wichmann (C. E. A.) Nova Guinea, *&c.* Vol. v, livr. 2. 4⁰. 1908.

Weber (Max C. W.) Festschrift zum sechzigsten Geburtstage des . . . J. W. Spengel . . . Herausgegeben von . . . M. Weber, *&c.* 3 Bd. *illust.* *See* Zoologische Jahrbuecher, *&c.* Suppthft. xv. 8⁰. 1912.

Weber (Max C. W.) Süsswasserfische aus Niederländisch Süd- und Nord-Neu-Guinea. *See* Wichmann (C. E. A.) Nova Guinea, *&c.* Vol. ix, livr. 4. 4⁰. 1913.

Weber (Max C. W.) & **Beaufort** (L. F. de) The Fishes of the Indo-Australian Archipelago. [Vol.] I—> 8⁰. *Leiden*, 1911—>

Weber (Max C. W.) & **Beaufort** (L. F. de) Contributions to the Knowledge of Indo-Australian Fishes. *pp. 21 : text illust.* *See* Amsterdam. — koninklijke akademie van wetenschappen. Verhandelingen . . . Tweede Sectie, *&c.* Deel xvii, no. 3. 8⁰. 1912.

Weber (Max C. W.) & **Weber** (A.) *Madame.* Quelques nouveaux cas de Symbiose. *See* Weber (M. C. W.) Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, *&c.* Bd. I. 8⁰. 1890.

WEBER (Maximilian) [1866–] Einführung in die Krystalloptik. *pp. 17 : text illust.* 8⁰. *München*, 1908.

WEBER (Moritz Ignaz) [1795–1875] Die Skelette der Haussäugthiere und Hausvögel, *&c.* *pp. [vi,] 22 [2] : 17 pls.* obl. fol. *Bonn*, 1824.
Printed in double column.

WEBER (O.) & **Sterzel** (J. T.) Beiträge zur Kenntnis der Medulloseæ. Nach Mitteilungen und älteren Abbildungen von O. Weber nachträglich bearbeitet von . . . J. T. Sterzel. *pp. 102 : 9 pls. col.* 8⁰. *Chemnitz*, 1896.
Ber. Naturw. Ges. Chemnitz. Bd. xiii.

WEBER (Rudolf) & **Hartig** (R.) Das Holz der Rothbuche, *&c.* *See* Hartig (R.) & Weber (R.) 8⁰. 1888.

WEBER (Samuel Ellsworth) [1861–] Polygenesis in the Eggs of the Culicidæ. *pp. 4 : text illust, &c.* 8⁰. (*Lancaster, Pa.*, 1907.)
Weber's Archives: Contributions to Knowledge in Animal Evolution. I.

Weber (S. E.) Mutation in Mosquitoes: discussion and communications, *&c.* *pp. 28 : text illust.* 8⁰. *Lancaster, Pa.*, 1907.
Weber's Archives: Contributions to Knowledge in Animal Evolution. II.

WEBER (V.) *See* Veber (V.)

WEBER (William) Der Arabische Meerbusen. I. Theil. Historisches und Morphologisches . . . Inaugural-Dissertation, *&c.* *pp. 61 : 1 map col.* 8⁰. *Marburg*, 1888.

WEBERBAUER (August) Rhamnaceæ. *See* Engler (H. G. A.) & Prantl (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. iii, abth. 5. 8⁰. 1895–1896.

Weberbauer (A.) Die Pflanzenwelt der Peruanischen Anden in ihren Grundzügen dargestellt. *pp. xii, 355 : 40 pls., 2 maps (col.), text illust.* *See* Engler (H. G. A.) Die Vegetation der Erde, *&c.* No. xii. 8⁰. 1911.

WEBERBAUER (Otto) Die Pilze Nord-Deutschlands, mit besonderer Berücksichtigung Schlesiens. 2 Hft. *pp. 18 : 12 pls. col,* obl. fol. *Breslau*, 1873–75.

WEBERMANN (Ernest C.) Kitoboĭnuiĭ Promuisel v Rossiĭ. Chast I. Īstoriya Promuisla.—The Whale Fishery in Russia. Pt. I. A History of the Whale Fishery. *pp. 312 : 23 pls., 1 map.* RUSS. 8⁰. *Moskva*, 1914.

Īzvyest. Moskov. Kommerch. Īnstitut. Kn. II.

WEBSKY (Christian Friedrich Martin) [1824–1886] Mineralogische Studien. Eine Sammlung wissenschaftlicher Monographien . . . Erster Theil. Die Mineral-Species nach den für das specifische Gewicht derselben angenommenen und gefundenen Werthen. *pp. vi, 170.* 4⁰. *Breslau*, 1868.

Websky (C. F. M.) Mikroskopische Untersuchung des rothen Porphyrs von Mienkina und des schwarzen Eruptiv-Gesteins (Olivin-Gabbro) aus dem Thiergarten bei Krzeszowice bei Krakau. *See* Roemer (C. F. von). Geologie von Oberschlesien, *&c.* (Beilage.) 8⁰. 1870.

Websky (C. F. M.) Ueber stumpfe Rhomboëder und Hemiskalenoëder an den Krystallen des Quarzes von Striegau in Schlesien. *pp. 77 : 1 pl.* 8⁰. *Stuttgart*, 1871.

Neues Jahrb. Mineral. Jahrg. 1871.

Websky (C. F. M.) Ueber die Anwendung des sauren schwefelsauren Kali als Reagens und Aufschluss-Mittel bei der Untersuchung geschwefelter Erze und analoger Verbindungen. *pp. 15.* 8⁰. [*Wiesbaden*, 1872.]

Zeitsch. analyt. Chem. Jahr XI.

Websky (C. F. M.) Anwendung der Linearprojection zum Berechnen der Krystalle. *See* Rose (G.) G. Rose's Elemente der Krystallographie. Bd. III. 8⁰. 1887.

WEBSTER (Angus D.) Charcoal : its manufacture and uses. *See* Edinburgh.—*International Forestry Exhibition, 1884.* Forestry and Forest Products, *&c.* Essay XV. 8⁰. 1885.

Webster (A. D.) British Orchids : containing an exhaustive description of each species, to which is added Chapters on Structure, *&c. pp. 103 : 8 pls.* 8⁰. *Bangor*, 1886.

Webster (A. D.) The Flora of Kent. *pp. 34.* 8⁰. *Bromley, Kent* [1893].

WEBSTER (Clement L.) Iowa Devonian Fossils. *pp. 14.* 8⁰. *Charles City, Iowa, U.S.A.* [ ].

WEBSTER (Francis M.) The Chinch Bug . . . with mention of the habits of an allied European species. *pp. 82 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 15, new series. 8⁰. 1898.

—— [Revised edition.] *pp. 95 : text illust.* Bulletin No. 69. 8⁰. 1907.

Webster (F. M.) Some Insects attacking the stems of growing Wheat, Rye, Barley, and Oats, *&c. pp. 62 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 42. 8⁰. 1903.

Webster (F. M.) The Slender Seed-Corn Ground-Beetle (*Clivina impressifrons*, Lec.). *pp. 6 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 78. 8⁰. 1906.

Webster (F. M.)
The Grasshopper problem and Alfalfa culture. *pp. 10 : text illust.*
The Corn Leaf-Aphis, and Corn Root-Aphis. *pp. 13 : text illust.*
See United States.—*Department of Agriculture.—Entomology Division.* Circular No. 84 & 86. 8⁰. 1907.

Webster (F. M.) The Spring Grain-Aphis, or so called "Green Bug" (*Toxoptera graminum*, Rond.). *pp. 18 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 93. 8⁰. 1907.

—— Revised. *pp. 22 : text illust.* 8⁰. 1909.

Webster (F. M.) The Joint Worm (*Isosoma tritici*, Fitch). *pp. 7 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 66, Revised, *&c.* 8⁰. 1908.

The previous edition was issued in 1905.

Webster (F. M.) The Chinch Bug (*Blissus leucopterus*, Say). *pp. 27 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 113. 8⁰. 1909.

Webster (F. M.) The Lesser Clover-Leaf Weevil. *See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 85, pt. I. 8⁰. 1909.

Papers on Cereal and Forage Insects.

—— (Revised.) 8⁰. 1911.

Webster (F. M.) A predaceous Mite proves noxious to Man. (*Pediculoides ventricosus*, Newport.) *pp. 24 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 118. 8⁰. 1910.

Webster (F. M.) The Clover Root-Borer (*Hylastinus obscurus*, Marsham). *pp. 5 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 119. 8⁰. 1910.

Webster (F. M.) The Alfalfa Weevil (*Phytonomus murinus*, Fab.). *pp. 9 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 137. 8⁰. 1911.

Webster (F. M.) The Alfalfa Gall Midge (*Asphondylia miki*, Wachtl.). *pp. 4 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 147. 8⁰. 1912.

Webster (F. M.) The Clover Mite (*Bryobia pratensis*, Garman). *pp. 5 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 158. 8⁰. 1912.

Webster (F. M.) Preliminary report on the Alfalfa Weevil. *pp. 47 : 13 pls., text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 112. 8⁰. 1912.

Webster (F. M.) The so-called "Curlew Bug." *See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 95, pt. IV. 8⁰. 1912.

Webster (F. M.) Notes on the Insect enemies of Alfalfa Seed. *See* United States.—*Department of Agriculture.* Farmers' Bulletin 495. 8⁰. 1912.

Webster (F. M.) & **Phillips** (W. J.) The Spring Grain-Aphis, or "Green Bug." *pp. 153 : 9 pls., text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 110. 8⁰. 1912.

Webster (F. M.) & **Reeves** (G. I.) The Wheat Straw-worm (*Isosoma grande*, Riley). *pp. 15 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 106. 8⁰. 1909.

Webster (F. M.) & **Reeves** (G. I.) The Western Grass-Stem Sawfly (*Cephus occidentalis*, Riley and Marlatt). *pp. 6 : text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 117. 8⁰. 1910.

WEBSTER (Herbert Cayley) Through New-Guinea and the cannibal countries. *pp. xvii, 387 : 58 pls., 1 port., 1 map, text illust.* 8⁰. *London*, 1898.

Appendix contains :—
I. On the Birds collected . . . in the Papuan Islands. By E. Hartert.
II. Birds of Paradise collected, *&c.* By the Hon. W. Rothschild.
III. List of new Lepidoptera discovered, *&c.*
IV. Some new Coleoptera discovered, *&c.*

WEBSTER (H. E.) Annelida from Bermuda, *&c.* *See* United States National Museum. Bulletin, *&c.* No. 25. Contributions to the natural history of the Bermudas, *&c.* Pt. 7. 8⁰. 1884.

WEBSTER (Hugh A.) The Scottish Geographical Magazine . . . Edited by H. A. Webster, *&c.* Vol. I–III. *See* Royal Scottish Geographical Society. 8⁰. 1885–87.

WEBSTER (John) [1610–1682] Metallographia : or, an History of Metals, *&c.* *pp.* [*xvi,*] *388.* 4⁰. *London*, 1671.

WEBSTER (Thomas) [1773–1844] A description of the . . . Isle of Wight. By Sir H. C. Englefield. With additional observations on the strata of the Island and their continuation in the adjacent parts of Dorsetshire. By T. Webster. *See* Englefield (*Sir* H. C.) 4⁰. 1816.

WEBSTER (William Henry Bayley) Narrative of a Voyage to the Southern Atlantic Ocean, in . . . 1828–30 . . . in H.M.S. Chanticleer, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1834.

WECKWARTH (Eugen) Los Metales raros y su existencia en los Minerales del Perú. *pp. 128. See* Peru. —*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 63. 8⁰. 1908.

Weckwarth (E.) El Antimonio en el Perú. *pp. 97. See* Peru.—*Cuerpo de Ingenieros de Minas.* Boletín, *&c.* No. 68. 8⁰. 1908.

WEDDELL (H.) & **Sweet** (R.) British Botany. No. I.† *pp. 9 : 2 pls. col.* 4⁰. *London*, 1831.

Title from original wrapper.

WEDDELL (Hugh Algernon) [1819–1877] Histoire naturelle des Quinquinas, ou Monographie du genre *Cinchona*, suivie d'une description du genre *Cascarilla* et de quelques autres Plantes de la même tribu, *&c.* *pp. iv* [*iv,*] *108 : 33 pls., 1 map.* fol. *Paris*, 1849.

Weddell (H. A.) Voyage dans le sud de la Bolivie. *pp. 432 : 1 map. See* Castelnau (F. L. de Laporte de) *Count.* Expédition dans les parties centrales de l'Amérique du Sud, *&c.* Pt. I. Histoire du Voyage. Tom. VI. 8⁰. 1851.

Weddell (H. A.) Chloris Andina. Essai d'une Flore de la région alpine des Cordillères de l'Amérique du Sud. 2 Tom. *pp. 231, 316 : 90 pls. See* Castelnau (F. L. de Laporte de) *Count.* Expédition dans les parties centrales de l'Amérique du Sud, *&c.* Pt. VI. Botanique. 4⁰. 1855–57.

Weddell (H. A.) Monographie de la famille des Urticées. *pp. 592 : 20 pls.* 4⁰. *Paris*, 1856.

Arch. Mus. Hist. Nat. Paris. Tom. IX.

Weddell (H. A.) Mémoire sur le *Cynomorium coccineum* parasite de l'ordre des Balanophorées. 4⁰. *Paris*, 1860.

Arch. Mus. Hist. Nat. Paris. Tom. X. *pp. 269–308 : 4 pls., col.*

Weddell (H. A.) Urticaceæ.—Podostomaceæ. *See* Candolle (Aug. P. de). Prodromus Systematis naturalis Regni Vegetabilis, *&c.* Pt. XVI & XVII. 8⁰. 1869, 73.

Weddell (H. A.) Excursion Lichénologique dans l'Île d'Yeu, sur la côte de la Vendée. 8⁰. *Cherbourg*, 1875.

Mém. Soc. nat. Sci. Nat. Cherbourg. Tom. XIX, 1875. *pp. 251–316.*

Weddell (H. A.) Dictionnaire de Botanique, par M. H. Baillon, avec la collaboration de . . . H. A. Weddell, *&c.* 4 Tom. *See* Baillon (H. E.) 4⁰. 1876–92.

Weddell (H. A.) **& others.** Introduction à une Flore . . . des environs de Paris, *&c.* *See* Cosson (E. St.-C.) *& others.* 12⁰. 1842.

WEDDELL (James) [1787–1834] A Voyage towards the South Pole, performed in . . . 1822–24. Containing an examination of the Antarctic Sea, to the seventy-fourth degree of latitude : and a visit to Tierra del Fuego, with a particular account of the inhabitants, *&c.* *pp. iv, 276 : 7 pls. (1 col.), 7 maps.* 8⁰. *London*, 1825.

—— Second edition, with observations on the probability of reaching the South Pole, and an account of a second voyage performed by the Beaufoy, Capt. Brisbane, to the same seas. *pp. iv, 324 : 4 pls. (1 col.), 10 maps.* 8⁰. *London*, 1827.

WEDDERBURN (John Wallis) Notes and observations on the resident and migratory birds of the Bermudas. *See* Jones (J. M.) The Naturalist in Bermuda, *&c.* 8⁰. 1859.

WEDEL (Johann Wolfgang) [1708–1757] I. W. Wedel . . . Tentamen botanicum Flores Plantarum in classes . . . per characteres ex ipsis floribus desumtos dividendo cognitioni nominis generi infimo ad quod Planta pertinet competentis inserviens. Præfationem addidit G. E. Hambergerus, *&c.* *pp. xviii, 90.* 4⁰. *Jenæ*, 1747.

—— Editio secunda . . . cum præfatione auctoris. 4⁰. *Jenæ*, 1749.

WEDELIUS (Christianus) Dissertatio medica inauguralis de Terebinthina . . . præside G. W. Wedelio . . . exposita a C. Wedelio, *&c.* *See* Wedelius (G. W.) 4⁰. [1700.]

WEDELIUS (Georgius Wolfgangus) [1645–1721] Disputatio medica de Gialapa, præside . . . G. W. Wedelio . . . exposita à J. U. Schmid, *&c.* *pp. 40.* 4⁰. *Jenæ* [1678].

—— [Another edition.] 4⁰. *Jenæ*, 1715.

Wedelius (G. W.) G. W. Wedelii . . . Opiologia ad mentem Academiæ Naturæ Curiosorum. *pp.* [*xvi,*] *170,* [*20*]. 4⁰. *Jenæ*, 1682.

—— Editio tertia. (M. Ettmulleri . . . De virtute Opii diaphoretica dissertatio.) *pp.* [*viii,*] *170,* [*20,*] (*46*). 4⁰. *Jenæ*, 1739.

Wedelius (G. W.) G. W. Wedelii . . . propempticon inaugurale de usu Cucumerum innoxio. *pp. 8.* 4⁰. *Jena*, 1686.

Wedelius (G. W.) G. W. Wedelii . . . propempticon inaugurale de Herbis Germanis Ovidii. *pp. 8.* 4⁰. *Jenæ*, 1689.

Wedelius (G. W.) Decani . . G. W. Wedelii . . . propempticon inaugurale de Nepenthe Homeri. *pp. 8.* 4⁰. *Jenæ*, 1692.

Wedelius (G. W.) Dissertatio medica inauguralis de Terebinthina . . . præside G. W. Wedelio . . . exposita a C. Wedelio, *&c.* *pp. 52.* 4⁰. *Jenæ* [1700].

Wedelius (G. W.) Dissertatio medica curiosa de Aro, experimentis antiquis et novis illustrata, præside G. W. Wedelio . . . exposita a C. E. Schelhass, *&c. pp. 36.* 4⁰. *Jenæ* [1701].

Wedelius (G. W.) G. W. Wedelii . . . propempticon inaugurale de Pane Dyrrhachino Julii Cæsaris. *pp. 8.* 4⁰. *Jenæ* [1701].

Wedelius (G. W.) Dissertatio medica curiosa de Musco terrestri clavato, sub præsidio G. W. Wedelii . . . exposita a M. N. Hanneken, *&c. pp. 44.* 4⁰. *Jenæ* [1702].

Wedelius (G. W.) Adlocutio subjectissima . . . post habitam disputationem inauguralem . . . de Cubebis, *&c.* [*pp. 8.*] 4⁰. *Jenæ* [1705].

Wedelius (G. W.) Dissertatio inauguralis medica de Cubebis . . . præside G. W. Wedelio, *&c.* . . . exhibita ab H. F. Teichmeyer, *&c. pp. 40.* 4⁰. *Jenæ* [1705].

Wedelius (G. W.) Dissertatio medica inauguralis de Ipecacuanha Americana, et Germanica . . . præside G. W. Wedelio . . . exposita a J. L. Leincker, *&c. pp. 44.* 4⁰. *Jenæ* [1705].

Wedelius (G. W.) Dissertatio medica de Sabina . . . sub præsidio G. W. Wedelii . . . proposita a J. F. Kravsoldo, *&c. pp. 36.* 4⁰. *Jenæ* [1707].

Wedelius (G. W.) Dissertatio medica inauguralis de Cinnamomo . . . sub præsidio G. W. Wedelii . . . exposita a G. C. Titio, *&c. pp. 36 : 1 pl.* 4⁰. *Jenæ* [1707].

Wedelius (G. W.) G. W. Wedelii . . . De lignis thyinis Apocalypseos in genere. *pp. 8.* 4⁰. *Jenæ* (1707).

Wedelius (G. W.) Dissertatio inauguralis medica de Serpentaria Virginiana, quam . . . sub Præsidio G. W. Wedelii . . . submittit C. L. Göckelius, *&c. pp. 40.* 4⁰. [*Jenæ*, 1710.]

Wedelius (G. W.) G. W. Wedelii . . . propempticon inaugurale de Lilio convallium Salomonis. *pp. 12.* 4⁰. *Jenæ* [1710].

Wedelius (G. W.) Dissertatio inauguralis medica de Contrayerva . . sub præsidio G. W. Wedelii . . . exposita a J. P. Doellino, *&c. pp. 40.* 4⁰. *Jenæ* [1712].

Wedelius (G. W.) Dissertatio medica de Plantagine . . . sub præsidio G. W. Wedelii . . . exposita a N. Chiliani, *&c. pp. 36.* 4⁰. *Jenæ* [1712].

Wedelius (G. W.) Dissertatio solennis medica de Centaurio minori . . . sub umbone G. W. Wedelii . . . submissa a N. Chiliani, *&c. pp. 39.* 4⁰. *Jena* [1713].

Wedelius (G. W.) Dissertatio inauguralis medica curiosa de Cuscuta . . . præside G. W. Wedelio . . exposita a J. A. Bilhard. *pp. 120.* 4⁰. *Jena* [1715].

Wedelius (G. W.) Dissertatio inauguralis medica de Hyoscyamo . . . sub præsidio G. W. Wedelii . . . exposita a J. G. Eckhardo, *&c. pp. 64.* 4⁰. *Jenæ* [1715].

Wedelius (G. W.) Dissertatio inauguralis medica de Salvia . . . sub præsidio G. W. Wedelii . . . submissa a B. Weissheit, *&c. pp. 40.* 4⁰. *Jenæ* [1715].

Wedelius (G. W.) G. W. Wedelii . . . propempticon inaugurale de Holoconitide Hippocratis. I. *pp. 8.* 4⁰. *Jenæ* [1715].

Wanting Pt. II.

Wedelius (G. W.) Dissertatio inauguralis medica de Viola martia purpurea . . . sub præsidio G. W. Wedelii . . . submissa a J. A. B. Grauel, *&c. pp. 40.* 4⁰. *Jenæ* [1716].

Wedelius (G. W.) Rectore Academiæ Salanæ . . . Dissertationem inauguralem botanico-medicam de Hyperico (aliis Fuga dæmonum) præside G. W. Wedelio . . . submittit auctor, *&c. See* HOUCK (F.) 4⁰. [1716.]

Wedelius (G. W.) Dissertatio medica de Glycyrrhiza . . . præside G. W. Wedelio . . . subjecta ab autore responsuro, *&c. See* SCHMIDIUS (J. A.) 4⁰. [1717.]

Wedelius (G. W.) Dissertatio medica inauguralis de Allio . . . sub præsidio G. W. Wedelii . . . submissa a S. Emhardo, *&c. pp. 27.* 4⁰. *Jenæ* [1718].

Wedelius (G. W.) Dissertatio inauguralis medica de Sambuco . . . sub præsidio G. W. Wedelii exposita ab auctore, *&c. See* TREISE (F. A.) 4⁰. [1720.]

Wedelius (G. W.) Dissertatio inauguralis medica de Polypodio . . . sub præsidio G. W. Wedelii . . . exposita ab auctore C. F. Löv. *See* LOEW (C. F.) 4⁰. [1721.]

WEDELIUS (JOANNES ADOLPHUS) [1675–1747] Dissertatio inauguralis medica de Scordio . . . præside J. A. Wedelio . . . exposita a W. Wigando, *&c. pp. 32.* 4⁰. [*Jenæ*, 1716.]

Wedelius (J. A.) Dissertatio inauguralis medica, de Calamo aromatico . . . sub præsidio I. A. Wedelii . . . submissa a L. Betiken, *&c. pp. 24.* 4⁰. *Jenæ* [1718].

Wedelius (J. A.) Dissertatio inauguralis medica de Helenio . . . sub præsidio J. A. Wedelii . . . submissa a I. F. Beckio, *&c. pp. 16.* 4⁰. *Jenæ* [1719].

Wedelius (J. A.) Dissertatio inauguralis medica de Vincetoxico, quam . . . sub præsidio J. A. Wedelii . . . submisit G. C. Wolffius, *&c. pp. 20.* 4⁰. *Jenæ* [1720].

Wedelius (J. A.) Dissertatio inauguralis de Fungis, quam . . . præside J. A. Wedelio . . . subjecit auctor, *&c. See* SEYFFERT (E. C.) 4⁰. [1744.]

WEED (WALTER HARVEY) [1862–] The Glaciation of the Yellowstone Valley north of the Park. *pp. 41 : 3 pls., 1 geol. map, 1 text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 104. 8⁰. 1893.

Weed (W. H.) The Laramie and the overlying Livingston formation in Montana . . . With Report on Flora by F. H. Knowlton. *pp. 68 : 5 pls., 1 map geol. col., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 105. 8⁰. 1893.

Weed (W. H.) The El Paso Tin deposits. *pp. 15 : text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 178. 8⁰. 1901.

Weed (W. H.) Gypsum deposits in Montana. *See* UNITED STATES.—*Geological Survey.* Bulletin No. 223. 8⁰. 1904.

Weed (W. H.) The Copper Mines of the World. *pp. xiv, 375 : 1 map, text illust.* 8⁰. *New York & London*, 1908.

Weed (W. H.) Copper deposits of the Appalachian States. *pp. 166 : 5 pls., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin No. 445. 8⁰. 1911.

Weed (W. H.) Geology and Ore deposits of the Butte district, Montana. *pp. 262 : 18 pls., 24 maps (col.), text illust. See* UNITED STATES.—*Geological Survey.* Professional Paper 74. 4⁰. 1912.

Weed (W. H.) & **Pirsson** (L. V.) Geology of the Castle Mountain mining district, Montana. *pp. 164 : 15 pls., 2 maps col., text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 139. 8⁰. 1896.

Weed (W. H.) & **others.** Geology of the Yellowstone National Park. Pt. II. Descriptive Geology, Petrography, and Paleontology. *pp. xvii, 893, 1 tab.: 117 pls., 4 maps geol. col., text illust.* *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXXII. 4⁰. 1899.

WEEKES (W. H.) Letters . . . on Aboriginal production of Insects. *See* VESTIGES. Explanations: a sequel to "Vestiges . . . of Creation," *&c.* Appendix. 8⁰. 1845.

—— Second edition. 8⁰. 1846.

WEEKLY ENTOMOLOGIST, The. Vol. I & II.† 8⁰. *Altrincham,* [1862–] 1863.

WEEKS (ANDREW GRAY) Illustrations of hitherto unfigured Lepidoptera. *pp. 31 : 11 pls. (5 col.)* 8⁰. [*Washington, D.C.,* 1901.]

Reprinted in the author's later work, "Illustrations of Diurnal Lepidoptera" [*q.v.,* infra].

Weeks (A. G.) Illustrations of Diurnal Lepidoptera with descriptions. *pp. xii, 117 : 51 pls. (45 col.), 1 port.* 8⁰. *Boston* [*Mass.*], 1905.

WEEKS (FRED BOUGHTON) [1864–] Bibliography and Index of North American Geology, Paleontology, Petrology, and Mineralogy for . . . 1892 and 1893 (1894–1907). *See* UNITED STATES. — *Geological Survey.* Bulletin No. 130, 135, 146, 149, 156, 162, 172, 188, 189, 203, 221, 240, 271, 301, 372. 8⁰. 1896–1909.

The last part was compiled in association with J. M. Nickles, by whom the work was carried on.
For earlier numbers, *See* DARTON (N. H.) & KEYES (C. R.)

Weeks (F. B.) North American Geologic Formation Names, bibliography, synonymy and distribution. *pp. 448.* *See* UNITED STATES. — *Geological Survey.* Bulletin, *&c.* No. 191. 8⁰. 1902.

Weeks (F. B.) & **Nickles** (J. M.) Bibliography of North American Geology for 1906 and 1907, with Subject Index. *pp. 317.* *See* UNITED STATES.—*Geological Survey.* Bulletin No. 372. 8⁰. 1909.

Subsequent instalments were by Nickles alone.

WEELE (H. W. VAN DER) Ueber die von . . . Y. Sjöstedt auf seiner Reise in Kamerun gesammelten Planipennia. *pp. 14 : 1 pl., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 2. 8⁰. 1906.

Weele (H. W. VAN DER) [Panorpata und Planipennia from southwestern Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. I, lief. 5. 8⁰. 1907.

Weele (H. W. VAN DER) Ascalaphiden monographisch bearbeitet. *pp. 326 : 2 pls. col., text illust.* *See* SELYS-LONGCHAMPS (M. E. DE) *Baron.* Collections Zoologiques . . . Catalogue, *&c.* Fasc. 8. 4⁰. 1908.

Weele (H. W. VAN DER) [Neuropteroidea from New Guinea.] *See* WICHMANN (C. E. A.) Nova Guinea, *&c.* Vol. V, livr. 3 ; IX, livr. 1. 4⁰. 1909.

Weele (H. W. VAN DER) [Planipennia & Panorpata from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905–1906, *&c.* Bd. II, Neuroptera, no. 2. 4⁰. 1910.

WEERT (SEBALD DE) [–1603] Vera . . . descriptio eorum omnium quæ acciderunt quinque navibus, anno 1590 . . . per fretum Magellanicum . . . perrecturis : navi præcipue fidei Capitaneo de Weert addictæ, qui post infinitos labores . . . ad suos rediit. *See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*America.* Pt. IX.—*Latin.*] Americæ nona . . . pars, *&c.* fol. 1602.

Weert (S. DE) Beschreibung der Histori so von J. H. von Bree . . . auff der Reyse in die Orientalische Indien [under S. de Weert] von anno 1602 bis in anno 1604 . . . auffgezeichnet worden. *See* BRY (T. DE), (J. T. DE) & (J. I. DE) [*India Orientalis.* Pt. VIII. — *German.*] Achter Theil der Orientalischen Indien, *&c.* fol. 1606.

Weert (S. DE) Reise nach Ostindien durch die Magellanische Strasse. 1598-99. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. XII. 4⁰. 1754.

Weert (S. DE) Voyage . . . to the South Sea and Straits of Magellan, in 1598. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. X. 8⁰. 1824.

WEERTH (OTTO) [1841–] Verzeichniss der Sammlung von Petrefacten [in the Gymnasium Leopoldinum at Detmold], *&c.*—[Lists of the specimens of Mammalia and Aves in the Collection]— Verzeichniss der nach dem Jahre 1846 im Fürstenthum Lippe neu aufgefundenen Pflanzen." [All by Dr. Weerth ?] *See* BERTHOLD (J. G. L. U.) Zu den Schulfeierlichkeiten, *&c.* 4⁰. 1860.

Weerth (O.) Die Fauna des Neocomsandsteins im Teutoburger Walde. *pp. 77 : 11 pls.* *See* PALÆONTOLOGISCHE ABHANDLUNGEN. Bd. 2, hft. 1. 4⁰. 1884.

WEFELSCHEID (HEINRICH) [1888–] Ueber die Biologie und Anatomie von *Plea minutissima,* Leach . . . Inaugural-Dissertation, *&c.* *pp. 86 [1] : 2 pls., text illust.* 8⁰. *Greifswald,* 1912.

Zool. Jahrb., Abt. f. Syst. Bd. XXXII.

WEGELIN (CARL HENRIK) [–1863] Fragmenta Silurica e dono C. H. Wegelin, *&c.* *See* ANGELIN (N. P.) 4⁰. 1880.

WEGELIN (THEODOR) Enumeratio Stirpium Floræ Helveticæ secundum ordines naturales disposita. Dissertatio inauguralis, *&c.* *pp. viii, 82.* 8⁰. *Turici,* 1838.

WEGEMANN (CARROLL H.) Some notes on River development in the vicinity of Danville, Illinois. *See* URBANA.—UNIVERSITY OF ILLINOIS. The University Studies. Vol. III, no. 2, *&c.* 8⁰. 1909.

Also forms part of Vol. VI, no. 17 of the "University of Illinois Bulletin."

Wegemann (C. H.) The Salt Creek Oil field, Natrona County. *See* UNITED STATES. — *Geological Survey.* Bulletin No. 452. The Lander and Salt Creek Oil fields, Wyoming, *&c.* 8⁰. 1911.

WEGENER (ALFRED LOTHAR) [1880–] & **Koch** (J. P.) Die Glaciologischen Beobachtungen der Danmark-Expedition. *pp. 77 : 39 pls., 5 maps (col.), text illust.* *See* DENMARK.—*Commissionen for Ledelsen af de Geologiske og Geographiske Undersøgelser.* Meddelelser om Grønland, *&c.* Bd. XLVI, no. 1. 8⁰. 1911 (1912).

Forms also Bd. VI, no. 1, of the "Danmark-Ekspeditionen til Grønlands Nordøstkyst 1906–1908."

WEGENER (KARL FRIEDRICH WILHELM GEORG) [1863–] Die Entschleierung der unbekanntesten Teile von Tibet und die Tibetische Centralkette. *See* PHILIPPSON (A.) *& others.* Festschrift F. Freiherrn Richthofen, *&c.* 8⁰. 1893.

WEHL ( ) *Miss.* [Water-colour drawings of Victorian Fungi by Miss Wehl and others, prepared under the direction of Baron Sir F. J. H. von Mueller for the Paris Exhibition of 1889.] *See* PARIS.—*Exposition Universelle, 1889.* fol.

WEHMER (CARL FRIEDRICH WILHELM) [1858–] Beiträge zur Kenntnis einheimischer Pilze. 2 Pt. *illust.* 8⁰. *Hannover, &c.,* 1893–95.

Wehmer (C. F. W.) Die Pilzgattung *Aspergillus* in morphologischer, physiologischer und systematischer Beziehung unter besonderer Berücksichtigung der Mitteleuropäischen Species. *pp. 157 : 5 pls. (1 col.)* *See* GENEVA. — SOCIÉTÉ DE PHYSIQUE ET D'HISTOIRE NATURELLE. Mémoires, *&c.* Tom. XXIII, pt. 2, no. 4. 4⁰. 1901.

Wehmer (C. F. W.) Die Pflanzenstoffe. Botanisch-systematisch bearbeitet. Chemische Bestandteile und Zusammensetzung der einzelnen Pflanzenarten. Rohstoffe und Produkte. Phanerogamen. *pp. xvi, 937.* 8⁰. *Jena*, 1911.

WEHRLI (LEO) [1870–] Das Dioritgebiet von Schlans bis Disentis im bündner Oberland. *pp. vi, 67 : 6 pls. (col.), 1 map geol. col.* *See* SWITZERLAND. — *Carte Géologique Suisse.* Beiträge zur geologischen Karte der Schweiz, *&c.* Lief XXXVI. 4⁰. 1896.

Wehrli (L.) Profils Géologiques transversaux de la Cordillère Argentino-Chilienne. Stratigraphie et Tectonique par . . . C. Burckhardt . . . Première Partie du Rapport définitif sur une Expédition Géologique effectuée par . . . L. Wehrli et . . . C. Burckhardt. *pp. vii, 136 : 36 pls. (col.), text illust. (col.)* *See* LA PLATA, *Town of.— Museo de la Plata.* Anales, *&c.* Sección Geológica y Mineralógica, II. fol. 1900.
Contains also :—
Coup d'œil général et Introduction Géographique, par . . . L. Wehrli.

WEIBULL (KRISTIAN OSKAR MATS) [1856–] Studier öfver Arsenikkisens kristallform och sammansättning. *pp. 32 : 1 pl.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVI, afd. II, no. 2. 8⁰. 1891.

Weibull (K. O. M.) Basiska Eruptiver inom V. Silfbergsfältet i södra Dalarne. *pp. 34 [2] : 3 pls.* *See* LUND. —KAROLINSKA UNIVERSITETET. Acta, *&c.* Tom. XXXIII, no. 4. 4⁰. 1897.

Weibull (K. O. M.) Ett manganhaltigt vatten och en brunstensbildning vid Björnstorp i Skåne. *pp. 11 : 1 text illust.* *See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Nova Series. Tom. II, no. 9. 4⁰. 1907.

WEIDEL (GUSTAV) Dissertatio inauguralis botanica de Umbelliferis territorii Vindobonensis, *&c.* *pp. 71.* 8⁰. *Vindobonæ*, 1842.

WEIDEMEYER (JOHN WILLIAM) [1819–] Catalogue of North American Butterflies. *pp. 42.* 8⁰. *Philadelphia*, 1864.
Proc. Entomol. Soc. Philadelphia. 1864.

WEIDMAN (SAMUEL) [1870–] A Contribution to the Geology of the pre-Cambrian Igneous Rocks of the Fox River Valley, Wisconsin. *pp. iv, 63 : 8 pls., 2 maps, text illust.* *See* WISCONSIN, *State of.— Geological and Natural History Survey.* Bulletin No. 3. 8⁰. 1898.

Weidman (S.) The Geology of north central Wisconsin. *pp. xxxi, 697, 1 tab. : 66 pls., 10 maps (geol. col.), text illust.* *See* WISCONSIN, *State of.—Geological and Natural History Survey.* Bulletin No. 16. 8⁰. 1907.

WEIGEL (CHRISTIAN EHRENFRIED) [1748–1831] Flora Pomerano-Rugica, exhibens Plantas per Pomeraniam anteriorem, Suecicam et Rugiam sponte nascentes, *&c.* *pp. lviii, 222.* 8⁰. *Berolini, &c.*, 1769.

Weigel (C. E.) Observationes Botanicæ, quas . . . defendet præses C. E. Weigel . . . respondente M. U. Willich, *&c.* *pp. [viii,] 51, [4] : 3 pls.* 4⁰. *Gryphiswaldiæ* [1772].

Weigel (C. E.) Dissertatio academica sistens Hortum Gryphicum, quam præside C. E. Weigel . . . submittit L. T. Grönberg, *&c.* *pp. 36.* 4⁰. *Gryphiæ* [1782].

Weigel (C. E.) Observationum circa Vermes intestinales pars II., quam . . . præside . . . C. E. Weigel . . . defendet auctor, *&c.* *See* RUDOLPHI (C. A.) 4⁰. [1795.]

WEIGOLD (HUGO MAX) Biologische Studien an Lyncodaphniden und Chydoriden. *pp. 118 : 3 pls., text illust.* 8⁰. *Leipzig*, 1911.
Internat. Rev. gesamt. Hydrobiol. & Hydrogr. Bd. III, Biol. Suppl.

WEIHE (KARL ERNST AUGUST) [1779–1834] De Nectariis, dissertatio inauguralis medica, *&c.* *pp. 44, [2].* 8⁰. *Halæ*, 1802.

Weihe (K. E. A.) Specimen inaugurale . . . de Umbelliferis officinalibus, *&c.* *pp. 30.* 8⁰. *Lemgoviæ*, 1817.

Weihe (K. E. A.) & **Nees von Esenbeck** (C. G. D.) Die Deutschen Brombeersträuche, beschrieben und dargestellt. (Rubi Germanici, *&c.*) 2 Pt. GERM. *pp. 130,* LAT. *pp. 116 : 53 pls.* fol. *Elberfeld*, 1822–27.

WEIJENBERGH (HENDRIK) *See* WEYENBERGH.

WEIJMER (GUSTAV W.) Beiträge zur Schmetterlingskunde, *&c.* Lief. 4. *See* MAASSEN (J. P.) fol. 1881.

WEIL (ED.) & **Esquiros** (H. F. A.) Der Jardin des Plantes zu Paris und seine Sammlungen, *&c.* *See* ESQUIROS (H. F. A.) & WEIL (E.) 8⁰. 1852.

WEILER (JOSEF) [–1887] Verzeichniss der Schmetterlinge von Innsbruck und dessen Umgebung mit Berücksichtigung der Nordtirolischen Lepidopteren überhaupt. *pp. 37.* 8⁰. *Innsbruck*, 1877.
Programme k.k. Oberrealschule Innsbruck. 1876–77.

Weiler (J.) Die Schmetterlinge des Tauferer Thales. Ein Beitrag zur Lepidopteren-Kunde von Tirol. *pp. 33.* 8⁰. *Innsbruck*, 1880.
Programme k.k. Ober-Realschule Innsbruck. 1879–80.

WEIMAR. — Thueringischer Botanischer Verein.
[1882 Founded as *Botanischer Verein fuer Gesamtthüringen.*
1891 *Thueringischer Botanischer Verein.*]
Sitzungsberichte (—Originalmittheilungen), *&c.* *See* JENA. — GEOGRAPHISCHE GESELLSCHAFT (FUER THUERINGEN). Mittheilungen, *&c.* Bd. II–IX. 8⁰. 1882–91.
[*Continued as :*]
Mittheilungen, *&c.* Neue Folge, Hft. I→ 8⁰. *Weimar*, 1891→

—— Register . . . zu Bd. II (1884) bis Neue Folge, Hft. X (1897), *&c.* 8⁰. *Weimar*, 1898.
Issued as an appendix to Hft. XII.

—— —— Heften XI (1897) bis XV (1900), *&c.* 8⁰. *Weimar*, 1901.
Issued as an appendix to Hft. XV.

—— —— Heften XVI (1901) bis XX (1904–5), *&c.* 8⁰. *Weimar*, 1904–05 [*i.e.* 1905].
Issued as an appendix to Hft. XX.

—— —— Heften XXI (1906) bis XXV (1909), *&c.* 8⁰. *Weimar*, 1909.
Issued as an appendix to Hft. XXV.

WEIMARN (PETR PETROVIČ VON) Zur Lehre von den Zuständen der Materie. *pp. viii, [ii,] 190 : 52 pls.* 8⁰. *Dresden & Leipzig*, 1914.

WEIMOUTH (GEORGE) *See* WAYMOUTH.

WEINBERG (JULIEN) La genèse et le développement du Globe terrestre et des êtres organiques qui l'habitent. *pp. viii, 374 : text illust.* 8⁰. *Varsovie*, 1884.

WEINBERG (RICHARD) [1867-] Crania Livonica. Untersuchungen zur præhistorischen Anthropologie des Balticum. *pp. x, 92 : 5 pls. See* DORPAT.—DORPATER NATURFORSCHER-GESELLSCHAFT. Archiv für die Naturkunde Liv- Ehst- und Kurlands . . . Zweite Serie. Bd. XII, lief. 2. 8⁰. 1902.

WEINKAUFF (HEINRICH CONRAD) [1817–1886] Die Conchylien des Mittelmeeres, ihre geographische und geologische Verbreitung. 2 Bd. 8⁰. *Cassel*, 1867–68.

Weinkauff (H. C.) Catalog der im Europäischen Faunengebiet lebenden Meeres-Conchylien. *pp. xvi, 86 [1].* 8⁰. *Creuznach*, 1873.

Weinkauff (H. C.) Systematisches Conchylien-Cabinet . . . Neu herausgegeben und vervollständigt von H. C. Küster nach dessen Tode fortgesetzt von . . . H. C. Weinkauff. Lief. 249–339. *See* MARTINI (F. H. W.) 4⁰. 1876–86.

Weinkauff's share in this work is fully set forth under the main title.

WEINLAND (CHRISTOPH DAVID FRIEDRICH) [1829-] Human Cestoides. An essay on the Tapeworms of Man . . . To which is added an appendix, containing a catalogue of all species of Helminthes hitherto found in Man. *pp. x, 93 : text illust.* 4⁰. *Cambridge [Mass.]*, 1858.

Weinland (C. D. F.) Der Zoologische Garten . . . Herausgegeben von . . . D. F. Weinland. Jahrg. I–IV. *See* FRANKFORT-ON-THE-MAIN.—NEUE ZOOLOGISCHE GESELLSCHAFT. 8⁰. 1860–63.

Weinland (C. D. F.) Beschreibung zweier neuer Tænioiden aus dem Menschen ; Notiz über die Bandwürmer der Indianer und Neger ; Beschreibung einer Monstrosität von *Tænia solium*, L., und Versuch einer Systematik der Tænien überhaupt. *pp. 24 : 5 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXVIII, no. 2. 4⁰. 1861.

Weinland (C. D. F.) *See* THIERGARTEN, *Der.* Allgemeine Deutsche Monatschrift für Kunde . . . der Thiere . . . Herausgegeben von . . . D. F. Weinland. Jahrg. I. 8⁰. 1864.

Weinland (C. D. F.) Führer durch den Zoologischen Garten in Frankfurt am Main, *&c. See* FRANKFORT-ON-THE-MAIN.—NEUE ZOOLOGISCHE GESELLSCHAFT. 8⁰. 1865

Weinland (C. D. F.) Ueber die in Meteoriten entdeckten Thierreste. *pp. 12.* 4⁰. *Esslingen a N.*, 1882.

WEINMANN (JOHANN ANTON) [1782–1858] Der Botanische Garten der Kaiserl. Universität zu Dorpat, im Jahre 1810. [Compiled by J. A. Weinmann.] *See* DORPAT.—KAISERLICHE UNIVERSITAET. 8⁰. [1810.]

Weinmann (JOHANN A.) Elenchus Plantarum Horti Imperialis Pawlowskiensis et Agri Petropolitani, *&c. See* ST. PETERSBURG. — IMPERATORSKIĬ SANKTPETERBURGHSKIĬ BOTANICHESKIĬ SAD. 8⁰. 1824.

Weinmann (JOHANN A.) Hymeno- et Gastero-Mycetes hucusque in Imperio Rossico observatos . . . Pars Prodromi Floræ Rossicæ. *pp. xxxviii, 676.* 8⁰. *Petropoli*, 1836.

Weinmann (JOHANN A.) Enumeratio stirpium in agro Petropolitano sponte crescentium secundum systema sexuale Linneanum composita. *pp. iv, 320.* 8⁰. *Petropoli*, 1837.

WEINMANN (JOHANN GEORG) J. G. Weinmann . . . Tractatus botanico-criticus de Chara-Cæsaris, cujus libr. III. De Bell. Civ. c. XLVIII. meminit. Præmittitur laus Cæsaris. *pp. 76.* 8⁰. *Carolsruhæ*, 1769.

WEINMANN (JOHANN WILHELM) [1683-] Phytanthoza Iconographia, sive conspectus aliquot millium, tam indigenarum quam exoticarum, ex quatuor mundi partibus . . . a J. G. Weinmanno . . . collectarum Plantarum, Arborum . . . Fungorum, &c. quæ . . . æri incisæ, & . . . vivis coloribus . . . excusæ . . . per B. Seuterum, J. E. Ridingerum et J. J. Haidium . . . quorum denominationes . . . et descriptiones . . . ordine ac serie alphabetica . . . Latino & Germanico idiomate . . . explicantur a J. G. N. Dieterico [continued by L. M. Dieterichs and A. C. Bieler]. — Phytanthoza Iconographia, oder eigentliche Vorstellung etlicher Tausend, so wohl einheimisch als ausländischer . . . von J. W. Weinmann gesammleter Pflantzen, Bäume, *&c.* [With a preface in German by A. Haller.] LAT. & GERM. 8 Vol. [in 6.] fol. *Ratisbonæ*, 1737–45.

Weinmann (JOHANN W.) J. G. Weinmanni Thesaurus Rei Herbariæ locupletissimus indice systematico illustratus et emendatus [by J. Gesner], in quo aliquot Plantarum millia secundum classes, ordines, genera, species et varietates methodo Linneana recensentur et passim adnotationibus illustrantur. [Edited by C. L. Becker.] *pp. [iv,] xxii, 184 [18].* 8⁰. *Augustæ Vindelicorum*, 1787.

Wanting the plates, which are the same as those of the "Phytanthoza Iconographia."
There is a second title-page which reads :—"Thesaurus universalis Rei Herbariæ, ou recueil de figures . . . de Plantes . . . dans l'Herbier de . . . Weinmann, *&c.*

WEINSCHENK (ERNST HEINRICH OSKAR KASIMIR) [1865-] Ueber Serpentine aus den östlichen Central-Alpen und deren Contactbildungen. Habilitationsschrift, *&c. pp. 56 : text illust.* 8⁰. *München*, 1891.

Weinschenk (E. H. O. K.) F. von Kobell's Lehrbuch der Mineralogie . . . Sechste Auflage . . . neu bearbeitet von . . . E. Weinschenk. *See* KOBELL (W. X. F. VON) *Baron.* 8⁰. 1899.

Weinschenk (E. H. O. K.) Die gesteinsbildenden Mineralien. *pp. [viii,] 146, 18 tabs. : text illust.* 8⁰. *Freiburg im Breisgau*, 1901.

—— Zweite . . Auflage. *pp. ix, 225, 21 tabs. . text illust.* 8⁰. *Freiburg im Breisgau, &c.*, 1907.

Weinschenk (E. H. O. K.) Grundzüge der Gesteinskunde. 2 Tl. *illust.* 8⁰. *Freiburg im Breisgau*, 1902–05.

—— Zweite . . . Auflage. 2 Tl. *illust.* 8⁰. *Freiburg im Breisgau*, 1906–07.

Weinschenk (E. H. O. K.) Petrographisches Vademekum. Ein Hilfsbuch für Geologen. *pp. viii, 208 : 1 pl., text illust.* 8⁰. *Freiburg im Breisgau*, 1907.

Weinschenk (E. H. O. K.) Kontaktmetamorphismus und Piëzokristallisation des Dr. E. Weinschenk. Versuch zur Kritik von F. Arentz. *pp. 16. See* ARCHIV FOR MATHEMATIK OG NATURVIDENSKAB, *&c.* Vol. XXIX, no. 9. 8⁰. 1908.

WEINSHEIMER (OTTO) [1857-] Ueber *Dinotherium giganteum*, Kaup. *pp. 77 : 3 pls. See* PALÆONTOLOGISCHE ABHANDLUNGEN. Bd. I, hft. 3. 4⁰. 1883.

—— Inaugural-Dissertation, *&c. pp. 25 [2].* 8⁰. *Darmstadt*, 1883.

A reprint of pp. 1–12 of the preceding.

WEIS (FRIEDRICH WILHELM) *See* WEISS.

WEIS (LUDWIG) Elemente der Botanik zur Einführung in das natürliche Pflanzen-system . . . Zweite . . . Auflage. *pp. vii, 247.* 8⁰. *Leipzig*, 1880.
The first edition appeared in 1869.

WEISBACH (ALBIN) *See* WEISBACH (JULIUS A.)

WEISBACH (AUGUSTIN) [1836 ?–1914] Körpermessungen, an Individuen verschiedener Menschenracen vorgenommen durch K. Scherzer und . . . E. Schwarz, bearbeitet von . . A. Weisbach. *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . 1857–59. Anthropologischer Theil. Abth. 2. 4⁰. 1867.

Weisbach (AUGUSTIN) Körpermessungen verschiedener Menschenrassen. *pp. 336, 10 tabs. See* ZEITSCHRIFT FUER ETHNOLOGIE. Bd. IX. Supplement. 8⁰. 1878.

Weisbach (AUGUSTIN) Die Serbokroaten der Adriatischen Küstenländer, *&c. pp. 77 : 1 pl. See* ZEITSCHRIFT FUER ETHNOLOGIE. Bd. XVI. Supplement. 8⁰. 1884.

Weisbach (AUGUSTIN) Untersuchung von sechs Schädeln aus dem Paregebirge. *See* BAUMANN (O.) Usambara, *&c.* Anhang IV. 8⁰. 1891.

WEISBACH (JULIUS ALBIN) [1833–1901] Ueber die Monstrositäten tesseral krystallisirender Mineralien. Inaugural-Dissertation, *&c. pp. 16 : 4 pls.* 8⁰. *Freiberg*, 1858.

Weisbach (J. A.) Tabellen zur Bestimmung der Mineralien nach äusseren Kennzeichen. *pp. viii, 113.* 8⁰. *Leipzig*, 1866.

—— Dritte Auflage. *pp. iv, 106.* 8⁰. *Leipzig*, 1886.

—— Vierte Auflage. *pp. viii, 106.* 8⁰. *Leipzig*, 1892.

—— Fünfte Auflage. *pp. viii, 106.* 8⁰. *Leipzig*, 1900.

—— Siebente Auflage, bearbeitet von . . . F. Kolbeck. *pp. viii, 121.* 8⁰. *Leipzig*, 1906.

Weisbach (J. A.) Synopsis Mineralogica. Systematische Uebersicht des Mineralreiches. *pp. 78.* 8⁰. *Freiberg*, 1875.

—— Zweite Auflage. *pp. 87.* 8⁰. *Freiberg*, 1884.

—— Dritte Auflage. *pp. 97.* 8⁰. *Freiberg*, 1897.

—— Vierte Auflage, bearbeitet von . . . F. Kolbeck. *pp. [ii,] 95.* 8⁰. *Leipzig*, 1906 [*i.e.* 1905].

Weisbach (J. A.) Der Eisenmeteorit von Rittersgrün im Sachsischen Erzgebirge. *See* W., A. 4⁰. 1876.

Weisbach (J. A.) Characteres Mineralogici. Charakteristik der Classen, Ordnungen und Familien des Mineralreiches. *pp. 60.* 8⁰. *Freiberg*, 1880.

—— Zweite Auflage. *pp. [vi.] 52.* 8⁰. *Leipzig*, 1899.

WEISE (E.) [For official publications in connection with the Specialkarte] *See* SAXONY.—*Koenigliche Geologische Landesuntersuchung.*

WEISE (I.) *See* WEISE (JULIUS).

WEISE (JOHANN) M. van Phelsum Naturgeschichte (pathologische Geschichte) der Springwürmer. Herausgegeben von J. Weise. 2 Thl. *See* PHELSUM (M. VAN). 8⁰. 1781–82.

WEISE (JULIUS) Naturgeschichte der Insecten Deutschlands, *&c.* Abth. I. Coleoptera. Bd. VI. bearbeitet von J. Weise. *See* ERICHSON (W. F.) 8⁰. 1893.

Weise (JULIUS) Coccinelliden und Hispiden aus Kamerun. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. 8⁰. 1903.
Forms also "Beiträge zur Kenntnis der Insektenfauna von Kamerun. No. 16."

Weise (JULIUS) Chrysomelidæ et Coccinellidæ aus dem Spanischen Guinea. *pp. 23. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Memorias, *&c.* Tom. I, mem. 21. 8⁰. 1907.

Weise (JULIUS) [Chrysomelidæ & Coccinellidæ from southwestern Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. II, lief. 1. 8⁰. 1908.

Weise (JULIUS) [Coccinellidæ & Chrysomelidæ from Dutch New Guinea.] *See* WICHMANN (C. E. A.) Nova Guinea, *&c.* Vol. V, livr. 2 ; IX, livr. 3. 4⁰. 1908 & 1913.

Weise (JULIUS) [Chrysomelidæ & Coccinellidæ from the Kilimandjaro-Meru district.] *See* SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru . . . 1905–1906, *&c.* Bd. I. Coleoptera, no. 12. 4⁰. 1910.

Weise (JULIUS) Chrysomelidæ (—Coccinellidæ) von Madagaskar, den Comoren und den Inseln Ostafrikas. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. II, hft. 5. 4⁰. 1910.

Weise (JULIUS) Chrysomelidæ : Hispinæ. *pp. 94. See* SCHENKLING (S.) Coleopterorum Catalogus, *&c.* Pt. 35. 8⁰. 1911.

Weise (JULIUS) Fam. Chrysomelidæ : subfam. Hispinæ. *pp. 124 : 4 pls. col. See* WYTSMAN (P. A. G.) Genera Insectorum, *&c.* Fasc. 125. Coleoptera Phytophaga. 4⁰. 1911.

Weise (JULIUS) & **Stein** (J. P. E. F.) Catalogi Coleopterorum Europæ editio secunda. *See* STEIN (J. P. E. F.) 8⁰. 1877.

Weise (JULIUS) **& others.** Catalogus Coleopterorum Europæ et Caucasi . . . Editio tertia. *See* STEIN (J. P. E. F.) 8⁰. 1883.

WEISMANN (FRIEDRICH LEOPOLD AUGUST) [1834–1914] Die Entwicklung der Dipteren. Ein Beitrag zur Entwicklungsgeschichte der Insecten. *pp. xvi, 263 : 14 pls.* 8⁰. *Leipzig*, 1864.
Reprinted, with additions, from the "Zeitschr. f. Wissensch. Zool.," Bd. XIII & XIV.

Weismann (F. L. A.) Ueber die Berechtigung der Darwin'schen Theorie. Ein akademischer Vortrag, *&c. pp. iv, 39.* 8⁰. *Leipzig*, 1868.

Weismann (F. L. A.) Ueber den Einfluss der Isolirung auf die Artbildung. *pp. iv, 108.* 8⁰. *Leipzig*, 1872.

Weismann (F. L. A.) Studien zur Descendenz-Theorie. 2 Vol. [in 1.] *illust. col.* 8⁰. *Leipzig*, 1875–76.
I. Ueber den Saison-Dimorphismus der Schmetterlinge.
[Ann. Mus. Civico Stor. Nat. Genova. Vol VI, 1874.]
II. Ueber die letzten Ursachen der Transmutationen.
1. Die Entstehung der Zeichnung bei den Schmetterlings-Raupen.
2. Ueber den phyletischen Parallelismus bei metamorphischen Arten.
3. Ueber die Umwandlung des Mexikanischen Axolotl in ein Amblystoma.
[Reprinted from "Zeitschr. f. Wissensch. Zoologie," Bd. XXV, Suppt., 1875.]
4. Ueber die mechanische Auffassung der Natur.

Weismann (F. L. A.) Studies in the Theory of Descent . . . Translated and edited, with notes, by R. Meldola . . . With a prefatory notice by C. Darwin. 2 Vol. *illust. col.* 8⁰. *London*, 1882.

Weismann (F. L. A.) Das Thierleben im Bodensee. Gemeinverständlicher Vortrag. *pp. 31 : 1 pl.* 8⁰. *Lindau*, 1877.
Schriften für Geschichte des Bodensee's und seiner Umgebung. Hft. VII.

Weismann (F. L. A.) Observations sur l'origine des cellules sexuelles des Hydroides. *pp. 37 : 4 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. XI, no. 6. 8⁰. 1881.

—— [Another issue.] *See* FRANCE.—*Ministère de l'Instruction Publique.* Bibliothèque de l'École des Hautes Études, *&c.* Tom. XXIV, no. 2. 8⁰. 1881.

Weismann (F. L. A.) Beiträge zur Kenntniss der ersten Entwicklungsvorgänge im Insektenei. *See* BRUNN (A. VON) Beiträge zur Anatomie und Embryologie als Festgabe J. Henle, *&c.* 4⁰. 1882.

Weismann (F. L. A.) Ueber die Dauer des Lebens. Ein Vortrag. *pp. iv, 94.* 8⁰. *Jena*, 1882.

Weismann (F. L. A.) Die Entstehung der Sexualzellen bei den Hydromedusen. Zugleich ein Beitrag zur Kenntniss des Baues und der Lebenserscheinungen dieser Gruppe. *pp. xiii, 295 . 24 pls., with descriptive letterpress, text illust.* [In 1 Vol.] 4⁰. *Jena*, 1883.

Weismann (F. L. A.) Ueber die Vererbung. Ein Vortrag. *pp. iv, 59.* 8⁰. *Jena*, 1883.

Weismann (F. L. A.) Ueber Leben und Tod. Eine biologische Untersuchung. *pp. iv, 85 : text illust.* 8⁰. *Jena*, 1884.

Weismann (F. L. A.) Die Continuität des Keimplasma's als Grundlage einer Theorie der Vererbung. *pp. iv, 122.* 8⁰. *Jena*, 1885.

Weismann (F. L. A.) Zur Annahme einer Continuität des Keimplasma's. *See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. I, hft. 4. 8⁰. 1886.

Weismann (F. L. A.) Ueber den Rückschritt in der Natur. *pp. 30. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. II, hft. 1. 8⁰. 1886.

Weismann (F. L. A.) Die Bedeutung der sexuellen Fortpflanzung für die Selektions-Theorie. *pp. viii, 128.* 8⁰. *Jena*, 1886.

Weismann (F. L. A.) Ueber die Zahl der Richtungskörper und über ihre Bedeutung für die Vererbung. *pp. viii, 75.* 8⁰. *Jena*, 1887.

Weismann (F. L. A.) Die Allmacht der Naturzüchtung. Eine Erwiderung an H. Spencer. *pp. iv, 96.* 8⁰. *Jena*, 1893.

Weismann (F. L. A.) Historisches zur Lehre von der Continuität des Keimplasma's. *pp. 2. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. VII, hft. 1. 8⁰. 1893.

Weismann (F. L. A.) Zoologische Abhandlungen A. Weismann zu seinem sechzigsten Geburtstage . . . gewidmet, *&c. pp. vii, 209 . 6 pls., text illust. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. VIII. 8⁰. 1894.

Weismann (F. L. A.) Festschrift zum siebzigsten Geburtstage des . . . Prof. Dr. A. Weismann, *&c. See* ZOOLOGISCHE JAHRBUECHER, *&c.* Suppt.-Bd. VII. 8⁰. 1904.

Weismann (F. L. A.) Festschrift zum sechzigsten Geburtstage des . . . Dr. J. W. Spengel . . . Herausgegeben von . . . A. Weismann, *&c.* 3 Bd. *illust. See* ZOOLOGISCHE JAHRBUECHER, *&c.* Suppt.-Bd. XV. 8⁰. 1912.

Weismann (F. L. A.) & **Ishikawa** (C.) Ueber die Bildung der Richtungskörper bei thierischen Eiern. *pp. 44 : 4 pls. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. III, hft. 1. 8⁰. 1888.

Weismann (F. L. A.) & **Ishikawa** (C.) Ueber partielle Befruchtung. *pp. 3. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. IV, hft. 1. 8⁰. 1888.

Weismann (F. L. A.) & **Ishikawa** (C.) Nachtrag zu der Notiz über "partielle Befruchtung." *pp. 4. See* FREIBURG IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. IV, hft. 2. 8⁰. 1888.

WEISS (ANNIE) [Turbellaria, Rhabdocœlida und Tricladida Paludicola of southwestern Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. II, lief. 22. 8⁰. 1909.

WEISS (ARTHUR OTTO CARL) Nachtrag zu der Aufzählung der im Balatonsee und in dessen Umgebung vorkommenden lebenden Weichthieren (Mollusken). *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT, *&c.* Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. II, thl. 1, Anhang. 4⁰. 1906.

Weiss (ARTHUR O. C.) Die pleistocäne Conchylienfauna der Umgebung des Balatonsees. *See* BUDAPEST.—MAGYAR FÖLDRAJZI TÁRSULAT. Resultate der wissenschaftlichen Erforschung des Balatonsees, *&c.* Bd. I, thl. 1, Anhang. Palaeontologie der Umgebung des Balatonsees. Bd. IV, no. 5. 4⁰. 1911.

WEISS (CHRISTIAN CONRAD) & (CHRISTIAN SAMUEL) De indagando formarum crystallinarum charactere geometrico principali dissertatio, *&c. See* WEISS (C. S.) & (C. C.) 4⁰. [1809.]

WEISS (CHRISTIAN ERNST) [1833–1890] Ueber die krystallographische Entwicklung des Quarzsystems und über krystallographische Entwicklungen im Allgemeinen. *pp. 101 : 1 pl.* 4⁰. *Halle*, 1860.
Abhandl. Naturf. Gesell. Halle. Bd. V.

Weiss (CHRISTIAN E.) Beiträge zur Kenntniss der Feldspathbildung und Anwendung auf die Entstehung von Quarztrachyt und Quarzporphyr, *&c. pp. 167 : 2 pls. See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. XXV. 4⁰. 1866.

Weiss (CHRISTIAN E.) Fossile Flora der jüngsten Steinkohlenformation und des Rothliegenden im Saar-Rhein-Gebiete. 3 Pt. *pp. iv, 256 : 20 pls., text illust.* 4⁰. *Bonn*, 1869–72.

Weiss (CHRISTIAN E.) Beiträge zur fossilen Flora.—Steinkohlen-Calamarien, mit besonderer Berücksichtigung ihrer Fructificationen. *pp. x, 149 : 19 pls., text illust. See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. II, hft. 1 & Atlas. 8⁰. & 4⁰. 1876.

Weiss (CHRISTIAN E.) Beiträge zur fossilen Flora.—II. Die Flora des Rothliegenden von Wünschendorf bei Lauban in Schlesien. *pp. 38 : 3 pls. See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. III, hft. 1. 8⁰. & 4⁰. 1879.

Weiss (CHRISTIAN E.) Nachträge zur Dyas. I. von . . . H. B. Geinitz . . . mit Beiträgen der Herren . . . Drude . . . und . . . Weiss. *pp. iv, [ii,] 43, [ii] : 7 pls., text illust. See* DRESDEN.—KOENIGLICHES MINERALOGISCH-GEOLOGISCHES UND PRAEHISTORISCHES MUSEUM. Mittheilungen, *&c.* Hft. III. 4⁰. 1880.

Weiss (CHRISTIAN E.) Aus der Flora der Steinkohlenformation, *&c. See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* 8⁰. 1881.

Weiss (CHRISTIAN E.) Beiträge zur fossilen Flora. III.—Steinkohlen-Calamarien. II. *pp. viii, 204 : 29 pls. See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. V, hft. 2. 8⁰. & 4⁰. 1884.

Weiss (CHRISTIAN E.) Beiträge zur fossilen Flora. IV–V. Die Sigillarien der Preussischen Steinkohlengebiete. 2 Pt. *See* PRUSSIA.—*Koenigliche-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Bd. VII, hft. 3 ; Neue Folge, Bd. I, hft. 2. 8⁰. 1887, 93.

WEISS (CHRISTIAN SAMUEL) [1780–1856] De charactere geometrico principali formarum Crystallinarum octaëdricarum pyramidibus rectis basi rectangula oblonga commentatio, *&c. pp. 28.* 4⁰. *Lipsiæ* [1809].

Weiss (CHRISTIAN S.) Ueber das südliche Ende des Gebirgszuges von Brasilien in der Provinz S. Pedro do Sul und der Banda oriental, oder dem Staate von Monte Video, nach den Sammlungen des Herrn F. Sellow. 4⁰. [*Berlin*, 1830.]

Abhandl. K. Preuss. Akad. Wissensch. Berlin. 1827 (1830), *pp. 217–293 : 5 pls.*
Remains of *Megatherium* and *Glyptodon* are described and figured.

Ueber die . . fossilen Panzerfragmente aus der Banda oriental . . . Als Nachtrag zu der Abhandlung des Hrn. Weiss "Ueber das südliche Ende des Gebirgszuges in Brasilien," *&c. See* ALTON (J. S. E. D'). 4⁰. 1834.

Weiss (CHRISTIAN S.) Comparaison et transformation des notations cristallographiques de Lévy, Miller, Weiss, Naumann, Dana. *See* SELLE (A. DE). 4⁰. 1874.

Weiss (CHRISTIAN S.) & (CHRISTIAN CONRAD) De indagando formarum crystallinarum charactere geometrico principali dissertatio, *&c. pp. 49.* 4⁰. *Lipsiæ* [1809].

WEISS (ENRICO) & **Armitage** (E.) Catalogo nominale delle Piante vascolari che crescono spontanee nei dintorni di Pallanza ed Intra. *See* ARMITAGE (E.) & WEISS (E.) 8⁰. 1891.

WEISS (ERNST) *See* WEISS (CHRISTIAN E.)

WEISS (FREDERICK ERNEST) The Manchester Museum . . . Outline Classification of the Vegetable Kingdom. *See* MANCHESTER.—OWENS COLLEGE.—*Manchester Museum.* [*Museum Handbooks.*] 8⁰. 1892.

Weiss (FREDERICK E.) A popular treatise on the Physiology of Plants . . . Translated [with a preface] by F. E. Weiss, *&c. See* SORAUER (P. C. M.) 8⁰. 1895.

Weiss (FREDERICK E.) On the phlœm of *Lepidophloios* and *Lepidodendron. pp. 22 : 2 pls. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLV, no. 7. 8⁰. 1901.

Weiss (FREDERICK E.) On *Xenophyton radiculosum* (Hick), and on a Stigmarian Rootlet probably related to *Lepidophloios fuliginosus* (Williamson). *pp. 19 : 3 pls. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLVI, no. 9. 8⁰. 1902.

—— [Another issue :] *See* MANCHESTER.—OWENS COLLEGE.—*Manchester Museum.* Notes from the Manchester Museum. No. 8. 8⁰. 1902.

Weiss (FREDERICK E.) The Parichnos in the Lepidodendraceæ. *pp. 22 : 1 pl., text illust. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LI, no. 8. 8⁰. 1907.

Weiss (FREDERICK E.) A Preliminary account of the Submerged Vegetation of Lake Windermere as affecting the Feeding Ground of Fish. *pp. 9 : text illust. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIII, no. 11. 8⁰. 1909.

Weiss (FREDERICK E.) Note on the variability in the colour of the Flowers of a *Tropæolum* hybrid. *pp. 6 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIV, no. 18. 8⁰. 1910.

Weiss (FREDERICK E.) Researches on Heredity in Plants. *pp. 12 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LVI. 8⁰. 1912.

Weiss (FREDERICK E.)
The root-apex and young root of *Lyginodendron. pp. 10 : 1 pl.*
A Tylodendron-like Fossil. *pp. 14 : 2 pls.*
See MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LVII, no. 16 & 18. 8⁰. 1913.

Weiss (FREDERICK E.) & **Lomax** (J.) The stem and branches of *Lepidodendron selaginoides. pp. 8 : 1 pl. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. XLIX, no. 17. 8⁰. 1905.

Weiss (FREDERICK E.) & **Murray** (H.) On the occurrence and distribution of some alien Aquatic Plants in the Reddish Canal. *pp. 8 : text illust. See* MANCHESTER LITERARY & PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIII, no. 14. 8⁰. 1909.

WEISS (FRIEDRICH) [1821–1868] Die Gesetze der Satellitenbildung. Einleitung zur Geschichte der Erde. *pp. viii, 327 : 4 pls.* 8⁰. *Gotha*, 1860.

WEISS (FRIEDRICH WILHELM) [1744–] Plantæ Cryptogamicæ Floræ Gottingensis. *pp. [vi,] xii, 333 : 1 pl. col.* 8⁰. *Gottingæ*, 1770.

Weiss (FRIEDRICH W.) F. W. Weiss . . . Entwurf einer Forstbotanik, *&c.* Bd. I.† *pp. [xvi,] 358 : 8 pls.* 8⁰. *Göttingen*, 1775.

Weiss (FRIEDRICH W.) D. F. W. Weiss Vorbereitung zum Unterricht in den Grundkenntnissen der Botanik, *&c. pp. 24* 4⁰. *Göttingen*, 1781.

Weiss (FRIEDRICH W.) J. Milleri Illustratio Systematis Sexualis Linnæani . . . accuravit D. F. G. Weiss, *&c. See* MUELLER (J. S.) afterwards MILLER (J.) 8⁰. 1789.

WEISS (GUSTAV ADOLF) [1837–1894] Allgemeine Botanik. (Anatomie, Morphologie, Physiologie.) Bd. I.† Anatomie der Pflanzen. *pp. xvi, 531 : 2 pls. col.* 8⁰. *Wien*, [1876–] 1878.

WEISS (GUSTAVE) *See* FEUILLE DES JEUNES NATURALISTES. (Le comité, chargé de la rédaction : E. Dollfus . . . G. Weiss). Ann. I–XVI. 4⁰. 1870–86.

WEISS (J. H.) Atlas Suisse levé et dessiné par J. H. Weiss. 16 sh. *See* SWITZERLAND [*Maps*]. 1786–1802.

WEISS (JOHANN EVANG.) [1850–] Vademecum botanicorum. Verzeichniss der Pflanzen des Deutschen Florengebietes, zum Gebrauche auf botanischen Excursionen, bei phänologischen Beobachtungen und als Herbarkatalog zusammengestellt. *pp. 216.* 8⁰. *Passau*, 1888.

Weiss (JOHANN E.) Beiträge zur Kenntniss der Korkbildung. *pp. 68 : 1 pl. See* RATISBON.—KOENIGLICH-BAYERISCHE BOTANISCHE GESELLSCHAFT IN REGENSBURG. Denkschriften, *&c.* Bd. VI, no. 3. 4⁰. 1890.

WEISS (JOHANN GOTTFRIED) [-1832] Die um Danzig wildwachsenden Pflanzen . . . Neue . . . Auflage von J. G. Weiss. 2 Vol. *See* REYGER (G.) 8⁰. 1825.

WEISS (JOHANNES CHRISTOPHORUS) Disputatio inauguralis medica de Malo Punica, *&c. pp. 28* [4]. 4⁰. *Altdorfii* [1712].

WEISS (SIMON) Dissertatio physica de Excrescentiis Plantarum animatis, quam . . . proponit M. S. Weiss . . . respondente P. F. Balduino. [*pp. 24.*] 4⁰. *Lipsiæ* [1694].

WEISSBACH (A.) *See* WEISBACH.

WEISSE (ARTHUR) Beitrag zur Entwickelungsgeschichte der Onagraceen-Blüthe, mit besonderer Berücksichtigung des unterständigen Fruchtknotens. *See* GIESENHAGEN (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

WEISSE (JOHANN FRIEDRICH VON) [1792-1869] Zur Oologie der Räderthiere. *pp. 10 : 1 pl. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. IV, no. 8. 4⁰. 1862.

WEISSERMEL (WALDEMAR SIEGFRIED OTTO) [1870-] Die Korallen der Silurgeschiebe Ostpreussens und östlichen Westpreussens. Inaugural-Dissertation, *&c. pp. 135 : 1 tab.* 8⁰. *Königsberg* [1894].

Weissermel (W. S. O.) Mesozoische und Känozoische Korallen aus Deutsch-Ostafrika. *See* DEUTSCH-OST-AFRIKA. Bd. VII, thl. II, abth. 4. 8⁰. 1900.

Weissermel (W. S. O.) & **Siegert** (L.) Das Diluvium zwischen Halle a. S. und Weissenfels. *pp. iii, 350, 1 tab.: 14 pls.* (*col.*), *3 maps* (*2 geol. col.*), *text illust. See* PRUSSIA. — *Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. 60. 8⁰. 1911.

WEISSHEIT (BENJAMIN) Dissertatio inauguralis medica de Salvia . . . submissa a B. Weissheit, *&c. See* WEDELIUS (G. W.) 4⁰. [1715.]

WEISZ (TÁDÉ) Az erdélyrészi bányászat rövid ismertetése. *pp. 73.*—Der Bergbau in den Siebenbürgischen Landestheilen. *pp. 82. See* AUSTRIA-HUNGARY. — *Magyar Királyi Földtani Intézet.* Évkönyve (Mittheilungen aus dem Jahrbuche), *&c.* Köt. IX, füz. 6. 8⁰. 1891.

WEITENWEBER (WILHELM RUDOLPH) [1804-1870] Der Arabische Kaffee, in naturgeschichtlicher, chemischer, diätetischer und ärztlicher Beziehung . . . Zweite . . Ausgabe, *&c. pp. 130.* 8⁰. *Prag, &c.*, 1837.
The first edition appeared in 1835.

WEITZENBECK (GEORG ANTON) Botanische Unterhaltungen . . . Erstes (—Zwölftes) Monatstück. *See* BOTANISCHE UNTERHALTUNGEN. 8⁰. 1784-85.

WELCH (ROBERT JOHN) [31 Photographs of Nests, with eggs or young, of British Birds.]

WELCKER (HERMANN) [1822-1897] Untersuchungen über Wachsthum und Bau des menschlichen Schädels, *&c.* Thl. I. *pp. xvi, 148 : 17 pls.* (*col.*) 4⁰. *Leipzig*, 1862.

Welcker (H.) Abnorme Schädelnähte bei Menschen und Anthropomorphen. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892

WELD (CHARLES RICHARD) [1813-1869] A history of the Royal Society, with memoirs of the Presidents, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1848.

Weld (C. R.) A vacation tour in the United States and Canada. *pp. xi, 394 : 1 map.* 8⁰. *London*, 1855.

WELD (*Sir* FREDERICK ALOYSIUS) [1823-1891] Governor Weld's Report [on the progress of Western Australia]. *See* FORREST (*Sir* J.) Explorations in Australia, *&c.* Appendix [III]. 8⁰. 1875.

WELDEN (FRANZ LUDWIG VON) *Baron* [1782-1853] Der Monte-Rosa, eine topographische und naturhistorische Skizze, nebst einem Anhange der von Herrn Zumstein gemachten Reisen zur Ersteigung seiner Gipfel, *&c. pp. viii, 166 : 6 pls.* 8⁰. *Wien*, 1824.

WELDON (WALTER FRANK RAPHAEL) [1860-1906] *See* QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE. Edited by . . . W. F. R. Weldon, *&c.* New Series, Vol. XXXIV-L, pt. 1. 8⁰. 1893-1906.

Weldon (W. F. R.) & **Hickson** (S. J.) The Heliozoa. *See* LANKESTER (*Sir* E. R.) *K.C.B.* A Treatise on Zoology, *&c.* Pt. I, fasc. 1. Introduction and Protozoa. 8⁰. 1909.

Weldon (W. F. R.) & **Smith** (G. W.) Crustacea. *See* HARMER (S. F.) The Cambridge Natural History, *&c.* Vol. IV. 8⁰. 1909.

WELKOW (SÁNDOR) Beryllium és Aluminium kettös sók. [On the double salts of Beryllium and Aluminium.] *pp. 12. See* BUDAPEST.—MAGYAR TUDOMÁNYOS AKADÉMIA. Értekezések a Természettudományok Köréből, *&c.* Köt. V, szám 3. 8⁰. 1874.

WELL (JOHANN JACOB VON) [1725-1787] Additamenta quædam ad Entomologiam. *See* JACQUIN (N. J. VON) *Baron.* N. J. Jacquin Miscellanea Austriaca, *&c.* Vol. II, no. 6. 4⁰. 1781.

WELLCOME (HENRY S.) XVIIth International Congress of Medicine, London, 1913. Handbook of the Historical Medical Museum. Organised by H. S. Wellcome. *pp. 140 : 11 pls., 6 plans.* 8⁰. *London*, 1913.
The half-title reads:—"XVIIth International Congress of Medicine, London, 1913. Historical Medical Museum of the Section of History of Medicine."

WELLENBERGH (PETRUS HENRICUS JACOBUS) Observationes anatomicæ de Orthragorisco mola. Dissertatio inauguralis, *&c. pp.* [*viii,*] *30 : 1 pl.* 4⁰. *Lugduni-Batavorum*, 1840.

WELLER (EDWARD) *F.R.G.S.* [-1884 or '85] Philips' Atlas of the Counties of England, reduced from the Ordnance Survey. By E. Weller . . . New Edition, *&c. See* PHILIP (G.) & *Son.* fol. 1876.

Weller (EDWARD) *F.R.G.S.* The comprehensive Atlas and geography of the World [Compiled by E. Weller], *&c. See* BLACKIE (W. G.) 4⁰. 1884.

WELLER (EDWARD) *Professor at Bruges.* An improved Dictionary: English and French and French and English . . . Third edition. 2 Pt. [in 1 vol.] 8⁰. *London*, 1864.

WELLER (STUART) [1870-] A Bibliographic Index of North American Carboniferous Invertebrates. *pp. 653. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 153. 8⁰. 1898.

Weller (S.) The Paleozoic Faunas [of New Jersey]. *pp. 462, 1 tab.: 53 pls. See* New Jersey, *State of.—Geological Survey.* Report on Paleontology, *&c.* Vol. III. 8⁰. 1903.

Weller (S.) A report on the Cretaceous Paleontology of New Jersey by S. Weller, based upon the stratigraphic studies of G. N. Knapp. *pp. ix, 1107. 111 pls., text illust.* 2 Pt. *See* New Jersey, *State of.—Geological Survey.* Report on Palæontology, *&c.* Vol. IV. 8⁰. 1907.
The plates are paged in with the text.

WELLING (Christian Friedrich von) Allgemeine historisch-physiologische Naturgeschichte der Gewächse, *&c. See* W * * (C. F. von) 8⁰. 1791.

WELLINGTON, *New Zealand.—New Zealand Industrial Exhibition, 1885.*
The Official Record. [Edited with a preface by Sir J. Vogel, K.C.M.G.] *pp. xii, 230 : 1 plan.* 8⁰. *Wellington* [*N.Z.*], 1886.

Wellington, *New Zealand.—New Zealand Industrial Exhibition, 1885.*
Prize Essays on the Industries of New Zealand. *pp. iv, 123.* 8⁰. *Wellington* [*N.Z.*], 1886.

WELLINGTON, *New Zealand.*—**Colonial Museum.**
See infra Dominion Museum.

WELLINGTON, *New Zealand.*—**Dominion Museum.**
[1867 Founded in connection with the New Zealand Institute as *Colonial Museum and Geological Survey, q.v.* under New Zealand, for publications prior to 1903.
1903 *Colonial Museum.*
1907 *Dominion Museum.*]
Bulletin, No. 1→ 4⁰. *Wellington, N.Z.*, 1906→

Wellington, *New Zealand.*—**Dominion Museum.**
Hand List of Birds inhabiting New Zealand, and those Birds from other countries that have been observed in New Zealand as occasional visitors. *pp. 19.* 8⁰. *Wellington* [*N.Z.*], 1909.

Wellington, *New Zealand.*—**Dominion Museum.**
Hand List of New Zealand Lepidoptera. 2 Pt. 8⁰. *Wellington* [*N.Z.*], 1909.

Wellington, *New Zealand.*—**Dominion Museum.**
Hand-List of certain Books and Papers containing information relating . . . to the Maori of New Zealand. *pp. 30.* 8⁰. *Wellington, N.Z.*, 1911.

WELLINGTON, *New Zealand.*—**New Zealand Institute.**
See New Zealand Institute.

WELLINGTON, *Salop.*—**Severn Valley Naturalists' Field Club.**
See Severn Valley Naturalists' Field Club.

WELLINGTON COLLEGE NATURAL SCIENCE SOCIETY.
[1868 Founded as *Wellington College Natural History Society.*
1872 *Wellington College Natural Science Society.*]
Annual Report, *&c.* No. 1→ 8⁰. *London & Wellington College*, 1869→

Wellington College Natural Science Society.
Natural History Lists. *pp. 61.* 8⁰. (*Wellington College*, 1894.)

WELLINGTON PHILOSOPHICAL SOCIETY.
[Founded 1867.]
[For Proceedings, *&c.*] *See* New Zealand Institute. Transactions, *&c.* Vol. I→ 8⁰. 1869→

WELLS (E. G.) *See* Cheltenham Magazine, *The*, of Science, Literature, and Miscellaneous Intelligence. Edited by E. G. Wells. Vol. I & II.† 8⁰. 1837.

WELLS (J.) Grenada. *See* London.—*Colonial and Indian Exhibition, 1886.* Handbook and Catalogue. The West Indies and British Honduras. 8⁰. 1886.

WELLS (James W.) Exploring and travelling three thousand miles through Brazil from Rio de Janeiro to Maranhão. With an appendix containing . . . observations on climate . . . mining . . . and physical geography of Brazil. 2 Vol. *illust.* 8⁰. *London*, 1886.

WELLS (William Charles) [1757–1817] An Essay on Dew, and several appearances connected with it, *&c. pp. 146.* 8⁰. *London*, 1814.

Wells (William C.) Two Essays . . . A Letter to . . . Lord Kenyon; and an Account of a Female of the White Race of Mankind, part of whose skin resembles that of a Negro; with some observations on the causes of the differences in colour and form between the White and Negro Races of Men. By . . . W. C. Wells . . . with a Memoir of his Life, *&c. pp. lxxiv, 439.* 8⁰. *London*, 1818.
The "Observations" contain passages cited by Darwin as anticipating his own theory of Natural Selection.

WELLSTED (James Raymond) [1805–1842] Travels in Arabia. 2 Vol. *illust.* 8⁰. *London*, 1838.

WELSCH (Christian Ludwig) [1669–1719] Basis Botanica, seu brevis ad rem herbariam manuductio, omnes Plantarum partes, una cum earundem virtutibus secundum novissima Botanicorum fundamenta generali quadam methodo commonstrans. *pp. 228, 1 tab.* 12⁰. *Lipsiæ*, 1697.

WELSCH (Georg Hieronymus)
See Velschius (Georgius Hieronymus)

WELSCH (Jules) [1858–] La plaine et la gatine du Poitou dans les environs de Saint-Maixent, Parthenay et Niort, *&c. pp. 30 : 1 map, text illust.* 8⁰. *Paris* [1910 ?].

Welsch (Jules) Hydrologie souterraine du Poitou calcaire. *pp. 65 [1] : text illust. See* Paris.—Société de spéléologie. Spelunca. Bulletin & Mémoires, *&c.* Tom. IX, no. 69. 8⁰. 1912.

WELTNER (Wilhelm) [1854–] Beiträge zur Kenntniss der Spongien. Inaugural-Dissertation, *&c. pp. 62 : 3 pls.* 8⁰. *Freiburg i. B.*, 1882.

Weltner (W.) Die Süsswasserschwämme. *See* Zacharias (O.) Die Tier- und Pflanzenwelt des Süsswassers, *&c.* Bd. I, no. 6. 8⁰. 1891.

Weltner (W.) Die Cladoceren Ost-Afrikas. *See* Deutsch-Ost-Afrika. Bd. IV. 8⁰. 1897.

Weltner (W.) Die Coelenteraten und Schwämme des süssen Wassers Ost-Afrikas. *See* Deutsch-Ost-Afrika. Bd. IV. 8⁰. 1897.

Weltner (W.) Ostafrikanische Süsswasserschwämme (—Cladoceren), *&c. See* Stuhlmann (F.) Zoologische Ergebnisse einer in . . . Ost-Afrika unternommenen Reise. Bd. II. 8⁰. 1898 (1901).

Weltner (W.) [Cirripedia from South America.] *See* Hamburg.—Naturhistorisches Museum. Ergebnisse der Hamburger Magalhaensischen Sammelreise, *&c.* Lief. IV, no. 6. 8⁰. 1899.

Weltner (W.) [Explanation of Plate of Madreporaria from the East.] *See* Ehrenberg (C. G.) Symbolæ Physicæ, seu adhuc ineditæ, *&c.* fol. 1899.

Weltner (W.) Die Cirripedien der Arktis. *See* ROEMER (F.) & SCHAUDINN (F.) Fauna Arctica, *&c.* Bd. I, no. 9. 4⁰. 1900.

Weltner (W.) Cirripedien von Ostafrika. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. II, hft. 5. 4⁰. 1910.

Weltner (W.) [Spongillidæ of south-western Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. III, lief. 5. 8⁰. 1910.

WELTY (HENRICUS) Dissertatio inauguralis, sistens anatomiam Suis scrophæ, quam . . . præside F. G. Gmelin . . . submittit auctor, *&c.* *pp. 31.* 8⁰. *Tubingæ* [1820].

WELTZIEN (CARL) [1813–1870] Systematische Zusammenstellung der organischen Verbindungen. *pp. li, 720.* 8⁰. *Braunschweig*, 1860.

Weltzien (C.) Systematische Uebersicht der sogenannten unorganischen Verbindungen. *pp. vii, 105.* 4⁰. *Heidelberg*, 1867.

WELWITSCH (FRIEDRICH MARTIN JOSEF) [1806–1872] Beiträge zur cryptogamischen Flora Unter-Oesterreichs. *See* VIENNA. — VEREIN FUER VATERLAENDISCHE GESCHICHTE, STATISTIK UND TOPOGRAPHIE. Beiträge, *&c.* Bd. IV, no. 4. 8⁰. 1834.

Welwitsch (F. M. J.) Synopsis Nostochinearum Austriæ inferioris. Eine systematische Aufzählung der Gallert-Tange des Erzherzogthums Oesterreich unter der Ens, mit näherer Bezeichnung ihres Vorkommens und ihrer Fundorte. *pp. 30.* 8⁰. *Wien*, 1836.

Welwitsch (F. M. J.) Some notes upon the Cryptogamic portion of the Plants collected in Portugal, 1842–50, by . . . F. Welwitsch, *&c.* *See* BERKELEY (M. J.) 8⁰. 1853.

Welwitsch (F. M. J.) Catalogo das Sementes de Plantas colhidas pelo . . . F. Welwitsch em alguns pontos em que tocou na sua viagem para Angola, e principalmente n'esta região, e por elle mandadas ao Jardim Botanico da Universidade de Coimbra. *pp. 12.* 8⁰. *Lisboa*, 1854-56.

Bol. e Ann. Conselho Ultramarino: Lisboa. No. 7, 1854, *pp. 77–84*; No. 24, 1856, *pp. 249–53.*

Welwitsch (F. M. J.) Apontamentos Phyto-Geographicos sobre a Flora da provincia de Angola na Africa equinocial servindo de relatorio preliminar ácerca da exploração botanica da mesma provincia, *&c.* 4⁰. [*Lisbon*,] 1858.

Ann. do Conselho Ultramarino Pte. não Off. Ser. I. Dezemb. 1858. *pp. 527–93*, with transcripts of author's manuscript marginal notes.

Welwitsch (F. M. J.) Synopse explicativa das amostras de madeiras e drogas medicinaes e de outros objectos mormente ethnographicos colligidos na provincia de Angola enviados á Exposição Internacional de Londres em 1862, *&c.* *pp. 56.* 8⁰. *Lisboa*, 1862.

Welwitsch (F. M. J.) Voyage du Dr. F. Welwitsch . . . dans les royaumes d'Angola et de Benguella (Afrique équinoxiale) — Mollusques terrestres et fluviatiles, *&c.* *See* MORELET (P. M. A.) 4⁰. 1868.

Welwitsch (F. M. J.) Sertum Angolense, sive Stirpium quarundam novarum vel minus cognitarum in itinere per Angolam et Benguellam observatarum. *pp. 94: 26 pls.* 4⁰. *Londini*, 1869.

Trans. Linn. Soc. Lond. Vol. XXVII.

Welwitsch (F. M. J.) Musci Welwitschiani. *See* DUBY (J. É.) Choix de Cryptogames exotiques, *&c.* 4⁰. 1870–71.

Welwitsch (F. M. J.) As explorações Phyto-geographicas da Africa Tropical, e em especial as da Guiné inferior . . . 1853 a 1861. *See* GOMES (B. A.) 8⁰. 1873.

Welwitsch (F. M. J.) Catalogue of the African Plants collected by . . . F. Welwitsch in 1853-61. 2 Vol. *See* BRITISH MUSEUM (NATURAL HISTORY). (*Botany.*) 8⁰. 1896–1901.

WENCKEBACH (KAREL FREDERIK) De embryonale ontwikkeling van de Ansjovis (*Eugraulis encrasicholus*). *pp. 11: 1 pl.* *See* AMSTERDAM. — KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen, *&c.* Deel. XXVI. 4⁰. 1888.

WENCKEBACH (WILLEM) [1803–1847] *See* BULLETIN DES SCIENCES PHYSIQUES ET NATURELLES EN NÉERLANDE, rédige par . . W. Wenckebach, *&c.* 1838-40. 8⁰. & 4⁰. [1838–40.]

WENCKENBACH (FR.) [–1887] Uebersicht über die in Nassau aufgefundenen einfachen Mineralien. *pp. 73.* 8⁰. *Wiesbaden*, 1879 (1880).

Jahrb. Nassau. Ver. Naturk. Jahrg. XXXI, XXXII.

WENCKER (J.) [1824?–1873] & **Silbermann** (G. R. H.) Catalogue des Coléoptères de l'Alsace et des Vosges . . . suivi de descriptions de plusieurs espèces nouvelles par C. Brisout de Barneville et Wencker. *pp. vi, 142.* 8⁰. *Strasbourg*, 1866.

WENCKSTERN (FRIEDRICH VON) A bibliography of the Japanese Empire. Being a classified list of all Books, Essays and Maps in European languages relating to Dai Nihon [Great Japan] . . . from 1859–93 A.D. . . . To which is added a facsimile-reprint of: L. Pagès, Bibliographie Japonaise depuis le XVᵉ siècle jusqu'à 1859. *pp. xiv, 338* [*iv,*] *68.* 8⁰. *Leiden*, 1895.

WENDEL (A. J.) Flora . . . Oorspronkelijke naar de Natuur vervaardigde teekeningen van A. J. Wendel. *See* WITTE (H.) fol. (1868.)

WENDEROTH (GEORG WILHELM FRANZ) [1774–1861] Dissertatio inauguralis medica sistens materiæ pharmaceuticæ Hassiacæ specimen, *&c.* *pp. xvi, 70.* 8⁰. *Marburgi Cattorum*, 1802.

Wenderoth (G. W. F.) Lehrbuch der Botanik, *&c.* *pp. xvi, 590.* 8⁰. *Marburg*, 1821.

Wenderoth (G. W. F.) Versuch einer Charakteristik der Vegetation von Kurhessen, *&c.* *pp. xii, 155, 16, 16* [*2*]*: 3 pls.* *See* MARBURG. — GESELLSCHAFT ZUR BEFOERDERUNG DER GESAMMTEN NATURWISSENSCHAFTEN. Schriften, *&c.* Bd. IV. 8⁰. 1839.

Wenderoth (G. W. F.) Flora Hassiaca, oder systematisches Verzeichniss aller bis jetzt in Kurhessen und (hinsichtlich der selteneren) in den nächst angrenzenden Gegenden des Grossherzogthums Hessen-Darmstadt u.s.w. beobachteten Pflanzen enthaltend die offen blühenden Gewächse. *pp. xxviii, 402.* 8⁰. *Cassel*, 1846.

Wenderoth (G. W. F.) Der Pflanzengarten der Universität Marburg. Die Geschichte desselben erzählt. *pp.* [*iv,*] *75.* 8⁰. *Marburg*, 1850.

Wenderoth (G. W. F.) Die Pflanzen botanischer Gärten, zunächst die des Pflanzengartens der Universität Marburg . . . Hft. I: Die natürliche Ordnung der Coniferen enthaltend, *&c.* *pp. xviii, 64.* 8⁰. *Cassel*, 1851.

Wenderoth (G. W. F.) Analecten kritischer Bemerkungen, weiterer Erläuterungen und Nachträge zu und über einige . . . Gewächse der Deutschen und anderen Floren, *&c.* Hft. I.† [*pp. 18:*] *1 pl.* fol. *Cassel*, 1852.

WENDLAND (Heinrich Ludolph) [1792-1869] Commentatio de Acaciis aphyllis. *pp. 55 : 14 pls.* 8⁰. *Hannoveræ*, 1820.

Wendland (Heinrich L.) & **Bartling** (F. G.) Beiträge zur Botanik, *&c.* Hft. I & II.† *See* Bartling (F. G.) & Wendland (H. L.) 8⁰. 1824-25.

WENDLAND (Hermann) [1823-1903] Die Königlichen Gärten zu Herrenhausen bei Hannover. Ein Führer durch dieselben. *pp. iv, 90 : 2 plans.* 12⁰. *Hannover*, 1852.

Wendland (Hermann) Index Palmarum, Cyclanthearum, Pandanearum, Cycadearum quæ in hortis Europæis coluntur synonymis gravioribus interpositis. *pp. xiv, 68.* 8⁰. *Hannoveræ*, 1854.

Wendland (Hermann) [Palmeæ of the Fiji Islands.] *See* Seemann (B. C.) Flora Vitiensis, *&c.* 4⁰. [1868.]

WENDLAND (Johann Christoph) [1755-1828] Sertum Hannoveranum, seu Plantæ rariores...delineatæ et sculptæ a J. C. Wendland. Vol. I. *See* Schrader (H. A.) fol. 1795-98.

Wendland (J. C.) Botanische Beobachtungen, nebst einigen neuen Gattungen und Arten. *pp. [vi,] 58 : 4 pls. col.* fol. *Hannover*, 1798.

Wendland (J. C.) Hortus Herrenhusanus, seu Plantæ rariores quæ in Horto Regio Herrenhusano . . . coluntur. 4 Fasc. *24 pls. col., with descriptive letterpress.* fol. *Hannoveræ*, 1798-1801.

WENDT (Arthur F.) El distrito minero de plata de Potosí, Bolivia, por D. A. F. Wendt.—Notas sobre algunos Fósiles Bolivianos recogidos por . . A. F. Wendt, *&c.* (Apéndice.) *See* Orbigny (A. D. d') Estudios sobre la Geología de Bolivia, *&c.* (Apéndice.) 8⁰. 1907.

WENDT (Georg von) Beobachtungen an tropischen Vögeln im nordischen Klima. *pp. 9. See* Reuter (O. M.) *& others.* Festschrift Herrn . . . J. A. Palmén, *&c.* Bd. II, no. 17. 8⁰. 1905.

WENDT (Georg Friedrich Carl) Deutschlands Baumzucht, oder Verzeichniss der Holzarten welche das Klima von Deutschland im freyen aushalten, *&c.* *pp. 72.* 4⁰. *Eisenach*, 1804.

WENDT (Johann) Die Thermen zu Warmbrunn im Schlesischen Riesengebirge. *pp. xvi, 320.* 8⁰. *Breslau, Warmbrunn*, 1840.

WENDT (Johann Christian Wilhelm) [1778-1838] Anviisning til at indsamle, tørre og conservere de hos os vildvoxende og dyrkede medicinske Planter og Plantedele. *pp. xiv, 184.* 8⁰. (*Kiøbenhavn*, 1812.)

Wendt (Johann C. W.) Historiske og chemiske Bidrag til Kundskab om enkelte Lægemidler af Slægten Euphorbiæ, *&c.* *pp. 52.* 8⁰. *Kjøbenhavn*, 1823.

WENDT (W.) Reise um die Erde ausgeführt auf dem . . . Prinzess Louise commandirt von Capitain W. Wendt in 1830-32, *&c.* *See* Meyen (F. J. F.) 4⁰. 1834-43.

WENIG (Jaromír) Příspěvky k anatomii některých orgánů Planarií sladkovodních. [A contribution on the anatomy of some organs of the Freshwater Planarians.] *pp. 23 : 2 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1901, no. 9. 8⁰. 1902.

Wenig (J.) Beiträge zur Kenntnis der Geschlechtsorgane von *Lumbriculus variegatus*, Gr. *pp. 11 : 1 pl., text illust. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1902, no. 14. 8⁰. 1903.

Wenig (J.) Ueber neue Sinnesorgane der Isopoden. *pp. 12 : 1 pl., text illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1903, no. 39. 8⁰. 1904.

Wenig (J.) O nových smyslových orgánech slepých Isopodů. (*Titanethes herzegowinensis*, Verhoeff.) [On new sense organs in blind Isopoda, *&c.*] *pp. 12 : 1 pl., text illust. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1907, no. 13. 8⁰. 1908.

Wenig (J.) Vývoj blanitého labyrintu Ryb kostnatých. [On the development of the membranous labyrinth in Teleostean Fishes.] *pp. 40 : 1 pl., text illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1911, no. 6. 8⁰. 1912.

WENIGER (H. L.) & **Meigen** (J. W.) Systematisches Verzeichniss der an den Ufern des Rheins, der Roër, der Maas, der Ourte, und in den angränzenden Gegenden . . . phanerogamischen Pflanzen, *&c.* *See* Meigen (J. W.) & Weniger (H. L.) 4⁰. 1819.

Weniger (H. L.) & **Meigen** (J. W.) Versuch einer Flora der Ufer des Niederrheins, *&c.* *See* Meigen (J. W.) & Weniger (H. L.) 12⁰. 1823.

WENJUKOFF (P. N.) *See* Venyukov.

WENNBERG (Adam) Stirpium in Guinea medicinalium species novæ, quarum fasciculum primum . . . p.p. E. S. Wennberg, *&c.* *See* Afzelius (A.) 4⁰. 1818-29.

WENNER (Gust. Magnus) [Dissertatio entomologica, sistens Insecta Suecica, quorum partem septam . . . subjicit G. M. Wenner, *&c.* *See* Thunberg (C. P.) 4⁰. (1794.)]

Wanting.

—— [Another edition.] *See* Thunberg (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. III, no. 8. 8⁰. 1801.

WENNERSTEN (Oskar Vilhelm) Teratologiska iakttagelser å Gotländska exemplar af *Juglans regia*, L. *pp. 12 : text illust. See* Stockholm.—kongliga svenska vetenskaps-akademien. Bihang till . . . Handlingar. Bd. XXVIII, afd. III, no. 6. 8⁰. 1902 (1903).

WENNERSTRÖM (Nils Gustaf) [1811-] Om Pilplanteringar och dessas vigt för Landthushållningen. Ekonomisk afhandling . . . försvaras af N. G. Wennerström . . . I. *See* Fries (E. M.) 4⁰. 1836.

Wennerström (N. G.) Corollarium Floræ Upsaliensis, quod . . . p.p. C. G. Myrin . . . et N. G. Wennerström . . P. IV. *See* Myrin (C. G.) 8⁰. 1833.

WENSJOE (Thure) [1801-1865] Horti Upsaliensis Plantæ cultæ ab initio sæculi, quarum partem sextam . . p.p. T. Wensjoe, *&c.* *See* Thunberg (C. P.) 4⁰. [1826.]

WENSTRÖM (Edmund) & **Lindgren** (E.) Engelsk-Svensk Ordbok, *&c.* *pp. [vi,] 1758.* 8⁰. *Stockholm* (1889).

WENT (F. A. F. C.) Krulloten en versteende vruchten van de Cacao in Suriname. *pp. 40 : 5 pls. (col.) See* Amsterdam.—koninklijke akademie van wetenschappen. Verhandelingen . . . Tweede Sectie. Deel X, no. 3. 8⁰. 1904.

Went (F. A. F. C.) [Triuridaceæ ; Polygalaceæ I, from Dutch New Guinea.] *See* WICHMANN (C. E. A.) Nova Guinea, *&c.* Vol. VIII, livr. 1. 4⁰. 1909.

Went (F. A. F. C.) Untersuchungen über Podostemaceen. 2 Pt. *illust.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie, *&c.* Dl. XVI, no. 1 ; XVII, no. 2. 8⁰. 1910 & 1912.

Went (F. A. F. C.) & **Prinsen Geerligs** (H. C.) Beobachtungen über die Hefearten und zuckerbildenden Pilze der Arackfabrikation. *pp. 31 : 4 pls.* *See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. IV, no. 2. 8⁰. 1895.

WENZ (WILHELM) Die Unteren Hydrobienschichten des Mainzer Beckens, ihre Fauna und ihre stratigraphische Bedeutung. 8⁰. [*Darmstadt*, 1911.]
Notizblatt d. Vereins f. Erdkunde und d. Gross. Geol. Landesanstalt zu Darmstadt. Folge IV, hft. 32, 1911, *pp. 150–184: text illust.*

Wenz (W.) Arten der Gattung *Hydrobia* im Mainzer Becken. *pp. 22 : 2 pls.* 8⁰. [*Frankfort-on-Main*, 1913.]
Nachrichtsblatt d. Deutschen Malakozoologischen Gesellschaft. Hft. 2 & 3, 1913.

WENZEL (CARL) [1770–1827] & (JOSEPH) J. et C. Wenzel de penitiori structura cerebri hominis et brutorum. *See* WENZEL (J.) & (C.) fol. 1812.

WENZEL (JOSEPH) [1768–1808] & (CARL) J. et C. Wenzel de penitiori structura cerebri hominis et brutorum. *pp. xiv, 354, 6 tabs. : 30 pls.* fol. *Tubingæ*, 1812.

WENZLAFF (FRANCIS) [1810–] De defoliatione Plantarum. Dissertatio inauguralis, *&c.* *pp.* [*iv,*] *49.* 8⁰. *Berolini* [1844].

WEPFER (JOHANN JAKOB) [1620–1695] Cicutæ aquaticæ historia et Noxæ. Commentario illustrata. *pp.* [*xvi,*] *336* [*6*] *: 4 pls.* 4⁰. *Basileæ*, 1679.

—— [Another edition entitled :] J. J. Wepferi . . . Historia Cicutæ aquaticæ, qua non solum Plantæ hujus Venenatæ structura naturalis, vires & operationes deleteriæ in Hominibus ac Brutis adcurante describuntur . . . sed & aliorum . . . Venenorum . . . qualitates funestæ . . . deteguntur . . . tandemque methodus illis medendi brevis additur. Adjectæ sunt . . . dissertationes de Thee Helvetico ac Cymbalaria. Curante T. Zuingero. *pp.* [*xvi,*] *24, 20, 336* [*6*] *: 5 pls.* 4⁰. *Basileæ*, 1716.

—— [Another edition.] *pp. xvi, 481* [*13*] *: 6 pls.* 8⁰. *Lugduni Batavorum*, 1733.

WERCKLÉ (CARLOS) La subregion Fitogeográfica Costarricense. *pp. 55.* 4⁰. *San José, Costa Rica*, 1909.
A publication of the "Sociedad Nacional de Agricultura de Costa Rica."

WERLAUFF (ERIK CHRISTIAN) [1781–1871] Íslenzkir Annálar, sive Annales Islandici, *&c.* [Begun by A. Kall, continued by E. C. Werlauff.] (De Annalibus Islandicis, imprimis de illorum, quæ hic prodit, editione. Auctore E. C. Werlauff.) *See* COPENHAGEN.—*Kommissionen for det Arna-Magnæanske Legat.* 4⁰. 1847.

WERMBTER (HANS) [1860–] Der Gebirgsbau des Leinethales zwischen Greene und Banteln. Inaugural-Dissertation, *&c.* *pp. 52 : 1 pl., 1 map.* 8⁰. *Stuttgart*, 1890.
Neues Jahrb. f. Mineral., *&c.* Beil.-Bd. VII.

WERNE (FERDINAND) Expedition zur Entdeckung der Quellen des Weissen Nil (1840–1841) . . . Mit einem Vorworte von C. Ritter. *pp. vi, 543 : 1 pl., 1 map.* 8⁰. *Berlin*, 1848.

Werne (F.) Expedition to discover the sources of the White Nile in . . . 1840, 1841 . . . [Translated] From the German by C. W. O'Reilly. 2 Vol. [in 1.] 8⁰. *London*, 1849.

WERNEBURG (ADOLF) [–1886] Beiträge zur Schmetterlingskunde. Kritische Bearbeitung der wichtigsten entomologischen Werke des 17. und 18. Jahrhunderts, bezüglich der darin abgehandelten Europäischen Schmetterlinge. 2 Bd. [in 1.] 8⁰. *Erfurt*, 1864.

WERNER (ABRAHAM GOTTLOB) [1749–1817] Von den äusserlichen Kennzeichen Fossilien, *&c.* *pp. 302.* 8⁰. *Leipzig*, 1774.

Werner (ABRAHAM G.) A Treatise on the External Characters of Fossils. Translated [with additions] from the German . . . by T. Weaver. *pp. xx, 312 : 2 pls.* 8⁰. *Dublin & London*, 1805.

Werner (ABRAHAM G.) A Treatise on the External Characters of Minerals . . . Translation from the German, with explanatory notes. Edited by the Wernerian Club. *pp. 143.* 8⁰. *London*, 1849–50.

Werner (ABRAHAM G.) Traité des caractères extérieurs des Fossiles, traduit de l'allemand [By Mademoiselle Picardet, afterwards Madame Guyton de Morveau], *&c.* *pp. xxx, 350.* 8⁰. *Dijon*, 1790.

Werner (ABRAHAM G.) Werner's Nomenclature of Colours [from his "Von den äusserlichen Kennzeichen Fossilien"], with additions . . . to render it . . . useful to the Sciences, *&c.* *See* SYME (P.) 8⁰. 1814.

—— Second edition. 8⁰. 1821.

Werner (ABRAHAM G.) A. von Kronstedt's Versuch einer Mineralogie. Aufs neue aus dem Schwedischen übersetzt und nächst verschiedenen Anmerkungen vorzüglich mit äussern Beschreibungen der Fossilien vermehrt, *&c.* *See* CRONSTEDT (A. F.) 8⁰. 1780.

Werner (ABRAHAM G.) Freymuthige Gedanken über Herrn Inspector Werners Verbesserungen in der Mineralogie, nebst einigen Bemerkungen über Herrn Ussesser Karstens Beschreibung des vom sel. Leske hinterlassenen Mineralien-Cabinetts. *See* ESTNER (F. J. A.) 8⁰. 1790.

Ueber Herrn Werners Verbesserungen in der Mineralogie ; auf Veranlassung der freimüthigen Gedanken, *&c.* des Herrn Abbé Estner. *See* KARSTEN (D. L. G.) 8⁰. 1793.

Werner (ABRAHAM G.) Mineralogisches Handbuch, durch weitere Ausführung des Wernerschen Systems, *&c.* *See* LENZ (J. G.) 8⁰. 1791.

Werner (ABRAHAM G.) Neue Theorie von der Entstehung der Gänge, mit Anwendung auf den Bergbau besonders den Freibergischen. *pp. xl, 256.* 8⁰. *Freiberg*, 1791.

Werner (ABRAHAM G.) New theory of the formation of Veins . . . Translated from the German. To which is added, an Appendix . . . by C. Anderson. *pp. xxxvi, 259* [*1*] *: 1 port.* 8⁰. *Edinburgh*, 1809.

Werner (ABRAHAM G.) Ausführliches und systematisches Verzeichnis des Mineralien-Kabinets des . . . Herrn K. E. Pabst von Ohain. 2 Bd. 8⁰. *Freiberg & Annaberg*, 1791–93.

Werner (ABRAHAM G.) Ueber der Herren Werner und Karsten Reformen in der Mineralogie, *&c.* *See* VELTHEIM (A. F. VON) *Count.* 8⁰. 1793.

Werner (ABRAHAM G.) Handbuch der Mineralogie nach A. G. Werner, *&c.* 2 Thl. *See* LUDWIG (C. F.) 8⁰. 1803, 04.

Werner (ABRAHAM G.) [Tabular View of the External Characters of Minerals, for the use of Students of Oryctognosy. Translated by R. Jameson. 8⁰. *Edinburgh*, 1804.]

Wanting.
Jameson states ("Treatise of the External Characters of Minerals," Note to advertisement) that he received the original from Werner. This in all probability was a revised version of the "Allgemeine generische äussere Kennzeichen der Fossilien" which appeared in C. F. Ludwig's "Handbuch der Mineralogie nach A. G. Werner." Thl. I, *pp. 5-38.*

—— [Another edition?] System of the External Characters of Fossils. *See* supra, A Treatise on the External Characters of Fossils. Translated [with additions] from the German . . . by T. Weaver. 8⁰. 1805.

—— [Another edition.] Tabular View, *&c.* *See* JAMESON (R. A.) Treatise on the External Characters of Minerals. 8⁰. [1805.]

Werner (ABRAHAM G.) Kleine Sammlung mineralogischer berg- und hüttenmännischer Schriften. Stück 1†. *pp. 202.* 8⁰. *Leipzig*, 1811.

Werner (ABRAHAM G.) A. G. Werner's letztes Mineral-System ; aus dessen Nachlasse . . . herausgegeben [by J. C. Freiesleben] und mit Erläuterungen versehen [by J. F. A. Breithaupt and H. K. E. von Köhler]. 8⁰. *Freyberg & Wien*, 1817.

Werner (ABRAHAM G.) Order of succession of the Secondary or Floetz Formations, as sketched . . . by . . . Werner . . . in . . . 1816. *See* BUCKLAND (W.) Order of Superposition of Strata in the British Islands. s.sh. [1818.]

Werner (ABRAHAM G.) Auswahl aus den Schriften der unter Werner's Mitwirkung gestifteten Gesellschaften, *&c.* *See* DRESDEN. — GESELLSCHAFT FUER MINERALOGIE. 8⁰. 1818, 19.

Werner (ABRAHAM G.) Memoir of Werner. [A translation of the French "Éloge" by Baron Cuvier read before the "Académie Royale des Sciences de l'Institut de France" 16 March, 1818.] *See* DUNCAN (J.) Entomology. Vol. II. British Butterflies. 8⁰. [1845-6.]

WERNER (ADAM) [Dissertatio physica Græs-Oeam representans . . . respondens A. Werner.] *See* ROBERG (L.) 4⁰. [1727.]

Wanting the title-page.

WERNER (ALEXANDER) Dissertatio inauguralis de Herba Rubi Chamæmori, *&c.* *pp. 24.* 4⁰. *Vilnæ*, 1815.

WERNER (ALFRED) [1866-] Neuere Anschauungen auf dem Gebiete der anorganischen Chemie. *pp. xii, 189, 1 tab.* 8⁰. *Braunschweig*, 1905.

"Die Wissenschaft." Hft. 8.

WERNER (CHRISTIAN FRIEDRICH) [1757-1826] Ueber das Wachsthum der Obst- und anderer Bäume. *pp. xxiv, 52 [4].* 8⁰. *Leipzig & Presburg*, 1823.

WERNER (FRANZ) Untersuchungen über die Zeichnung der Schlangen. *pp. [iv,] 120 : 8 pls.* 8⁰. *Wien*, 1890.

Werner (F.) Die Reptilien und Amphibien Oesterreich-Ungarns und der Occupationsländer. *pp. 160 [2] : 3 pls.* 8⁰. *Wien*, 1897.

Werner (F.) Phylogenetische Studien über die Homologien und Veränderungen der Kopfschilder bei den Schlangen. *pp. 46 : 3 pls.* *See* VIENNA.—KAISERLICH-KOENIGLICHE UNIVERSITAET. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. XI, hft. 2. 8⁰. 1899.

Werner (F.) Die Reptilien- und Batrachierfauna des Bismarck-Archipels. Auf Grundlage des von . . . F. Dahl gesammelten Materials, bearbeitet von . . . F. Werner. *pp. 132 : text illust.* *See* BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET. — *Zoologische Sammlung.* Mitteilungen, *&c.* Bd. I, hft. 4. 4⁰. 1900.

Werner (F.) Reptilien und Batrachier aus Peru und Bolivien. *pp. 14 : text illust.* *See* DRESDEN.—KOENIGLICHES ZOOLOGISCHES UND ANTHROPOLOGISCH-ETHNOGRAPHISCHES MUSEUM. Abhandlungen, *&c.* Bd. IX, no. 2. 4⁰. [1900] 1901.

Werner (F.) Die nördlichsten Reptilien und Batrachier. *See* ROEMER (F.) & SCHAUDINN (F.) Fauna Arctica, *&c.* Bd. IV, lief. 3. 4⁰. 1906.

Werner (F.) Das Tierreich. III. Reptilien und Amphibien. *pp. 184 : text illust.* 8⁰. *Leipzig*, 1908.

Sammlung Göschen. No. 383.

Werner (F.) [Reptilia of south-western Australia.] 2 Pt. *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. II, lief. 16 & 25. 8⁰. 1909, 10.

Werner (F.) Chamæleontidæ, *&c.* *pp. xi, 52 : text illust.* *See* LEIPSIC.—DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. 27. Reptilia. 8⁰. 1911.

Werner (F.) Eublepharidæ, Uroplatidæ, Pygopodidæ. *pp. ix [1], 33 : text illust.* *See* LEIPSIC.—DEUTSCHE ZOOLOGISCHE GESELLSCHAFT. Das Tierreich, *&c.* Lief. XXXIII. Reptilia : Lacertilia. 8⁰. 1912.

Werner (F.) [Mantodea and Phasmodea of south-western Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens, *&c.* Bd. IV, lief. 3. 8⁰. 1912.

Werner (F.) [Amphibia of south-western Australia.] *See* MICHAELSEN (W.) Die Fauna Südwest-Australiens. Ergebnisse der Hamburger . . . Forschungsreise 1905, *&c.* Bd. IV, lief. 10. 8⁰. 1914.

WERNER (GEORG) *M.D.* De admirandis Hungariæ aquis hypomnemation, addita tabella lacus . . . Cirknitz. *See* BRONIOWSKI (M.) M. Broniovii . . . Tartariæ descriptio, *&c.* 4⁰. 1595.

WERNER (GEORG) *of Vaihingen.* Seminum Sorghi vulgaris analysis . . . dissertatio inauguralis, quam . . . præside G. Schübler . . . submittit auctor, *&c.* *pp. 24.* 8⁰. *Tübingæ*, 1832.

WERNER (HUGO) [1839-] & **Koernicke** (F. A.) Handbuch des Getreidebaues. 2 Bd. *illust.* *See* KOERNICKE (F. A.) & WERNER (H.) 8⁰. 1885.

WERNER (JOHANN CARL) Atlas des Oiseaux d'Europe d'après C. J. Temminck. 3 Vol. *illust. col.* 8⁰. *Paris*, [1826-] (1828-) 1842.

The title upon the wrappers reads :—"Atlas . . . pour servir de complément au manuel d'Ornithologie de M. Temminck."
Most of the plates appear to have been copied from Anslijn's "Afbeeldingen van Nederlandsche Dieren" [*q.v.*].
Diagnoses of the "new species" were published in Temminck's "Manuel," of which this Atlas forms the completion.

—— [Another issue entitled :] Les Oiseaux d'Europe décrits par C. J. Temminck . . . Atlas de 530 Planches dessinées par J. C. Werner. 2 Tom. 8⁰. *Paris & Londres*, 1848.

WERNER (Paul Christian Friedrich) [-1785] Vermium intestinalium præsertim Tæniæ Humanæ brevis expositio. *pp. 144 : 7 pls.* 8⁰. *Lipsiæ*, 1782.

—— Continuatio. *pp. 28 : 2 pls.* 8⁰. *Lipsiæ*, 1782.

—— Continuatio secunda . . . post mortem auctoris edita et animadversionibus atque tabulis II . . . aucta a J. L. Fischer, *&c. pp. xvi, 96 : 4 pls. col.* 8⁰. *Lipsiæ*, 1786.

—— Continuatio tertia. *pp. v, 79 : 5 pls. col.* 8⁰. *Lipsiæ*, 1788.

WERNER (William C.) & **Kellerman** (W. A.) Catalogue of Ohio Plants. *See* Ohio, *State of.—Geological Survey.* Report, *&c.* Vol. VII, pt. 2. Botany. 8⁰. [1894.]

WERNER VEREIN ZUR GEOLOGISCHEN DURCHFORSCHUNG VON MAEHREN UND SCHLESIEN. *See* Brunn.

WERNERIA; or, short characters of Earths : with notes according to the improvements of Klaproth, Vauquelin, and Hauy. By Terræ Filius [*pseud., i.e.* Stephen Weston, *Bishop of Exeter*], *&c. pp. viii, 105.* 8⁰. *London*, 1805.

WERNERIAN CLUB. [Founded 1844.] An Analysis of the Natural System and its application to the Mineral Kingdom. An original Essay. Edited by the Wernerian Club. *pp. 35 : 3 pls. (col.)* 8⁰. *London*, 1846-47.

Wernerian Club. A Treatise on the External Characters of Minerals. By A. G. Werner, an improved translation from the German, with explanatory notes. Edited by the Wernerian Club. *See* Werner (A. G.) 8⁰. 1849-50.

WERNERIAN NATURAL HISTORY SOCIETY. [Founded 1808.] Memoirs, *&c.* Vol. I-VIII, pt. 1.† 1809-38. 8⁰. *Edinburgh, &c.*, 1811-38 [-39].

WERNIGERODE. — Naturwissenschaftlicher Verein des Harzes. [Founded 1831.] Bericht, *&c.* 1840-42, 1844-64. 4⁰. *Blankenburg & Wernigerode*, 1841-64.

No number was issued for 1850.

—— 1840-46. Zweite . . . Auflage. 4⁰. *Wernigerode*, 1856.

Wernigerode.—Naturwissensch. Ver. des Harzes. Schriften, *&c.* Bd. I-X. 8⁰. *Wernigerode*, 1886-95.

Wernigerode.—Naturwissensch. Ver. des Harzes. Vier Verzeichnisse als Beiträge zur Kenntniss der Fauna und Flora des Harzes. 8⁰. *Nordhausen*, 1842.

I. Die Strich- und Zugvögel, welche die Grafschaft Mannsfeld und das Oberherzogthum Bernburg zu passiren pflegen. [By Rimrod.] *pp. 7.*
II. Verzeichniss der bis dahin am Harze gefundenen Blatt- und Holz-Wespen. Von . . . W. Saxesen, *&c. pp. 14.*
III. Verzeichniss der von mir am Harze gefundenen Mollusken. [By F. A. Roemer.] (Nachtrag . . . von . . . Curtze.) *pp. 4.*
IV. Nachträge zum Prodromus Floræ Hercyniæ von E. Ha[m]pe. *pp. 8.*

WERNISCHECK (Johann Jacob) [-1804] J. Wernischeck . . . Genera Plantarum ad facilius consequendam earum notitiam secundum numerum laciniarum corollæ disposita. [Second edition.] *pp.* [*x*,] *430* [*18*]. 8⁰. *Vindobonæ*, 1764.

The first edition appeared in 1763.

—— [Third edition.] *pp.* [*x*,] *361* [*16*]. 8⁰. *Vindobonæ*, 1766.

WERSHOVEN (F. J.) Technological Dictionary of the Physical, Mechanical and Chemical Sciences. English—French—German—Italian—Spanish, *&c.* 2 Pt. [in 1 Vol.] 8⁰. *London*, 1885.

Pt. I. English—German.
" II. German—English.

WERTHEIM (Guillaume) & **Chevandier de Valdrôme** (J. P. N. E.) Mémoire sur les propriétés mécaniques du Bois. *See* Chevandier de Valdrôme (J. P. N. E.) & Wertheim (G.) 8⁰. 1848.

WERTHER (August Friedrich Gustav) [1815-1869] *See* Journal fuer Praktische Chemie, herausgegeben von . . . G. Werther. Bd. LX-CVIII. 8⁰. 1853-69.

WERTHER (C. Waldemar) [1867-] Die mittleren Hochländer des nördlichen Deutsch-Ost-Afrika, *&c. pp. viii, 493 : 7 pls., 2 maps col., text illust.* 8⁰. *Berlin*, 1898.

Contains :—
Die geologischen Ergebnisse, von L. v. Tippelskirch.
Aus der Säugetierwelt, von P. Matschie.
Ueber die Vögel, von A. Reichenow.
Die Reptilien und Amphibien, von G. Tornier.
Coleoptera, von H. J. Kolbe.
Ueber die Orthoptera und Lepidoptera, von F. Karsch.

WERVEKE (Leopold van) [1853-] Geologische Uebersichtskarte der südlichen Hälfte des Grossherzogthums Luxemburg . . . Maasstabe 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. *See* Alsace-Lorraine.—*Commission fuer die Geologische Landes-Untersuchung, &c.* s.sh. 1886.

Werveke (L. van) Geologische Uebersichtskarte des westlichen Deutsch-Lothringen . . . Massstabe 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. *See* Alsace-Lorraine.—*Commission fuer die Geologische Landes-Untersuchung, &c.* s.sh. 1886.

Werveke (L. van) Erläuterungen zur geologischen Uebersichtskarte der südlichen Hälfte des Grossherzogthums Luxemburg. *pp. iv, 89 (17) : 2 pls. (1 col.), text illust. See* Alsace-Lorraine.—*Commission fuer die Geologische Landes-Untersuchung, &c.* 8⁰. 1887.

Werveke (L. van) Erläuterungen zur geologischen Uebersichtskarte des westlichen Deutsch-Lothringen. *pp. 99 : 2 pls. (1 col.), text illust. See* Alsace-Lorraine. *Commission fuer die Geologische Landes-Untersuchung, &c.* 8⁰. 1887.

Werveke (L. van) Belchenlieder. Mit einer Einleitung in die Geologie des Sulzer Belchens von . . . L. Werveke und einer Beschreibung der Flora des Belchens von . . . Dr. Bretzl, *&c. pp. 128 : text illust.* 8⁰. *Gebweiler*, 1910.

WESENBERG-LUND (Carl Jörgen) [1867-] Studier over de Danske Søers Plankton. (Plankton Investigations of the Danish Lakes.) 2 Vol. *illust.* 4⁰. *Kjøbenhavn*, 1904, 08.

Vol. I. Specielle Del . . . Med Engelsk resumé. *pp.* [*iv*,] *223* [*1*], *44, 9 tabs. : 10 pls., 8 maps.* 1904.
[Vol. I deals chiefly with the systematic investigations of the Plankton of the Danish Lakes.
E. Larsen assisted with the Phyto-Plankton.]
Vol. II. General Part. The Baltic Freshwater Plankton, its origin and variation. *pp. xii, 389* [*1*] : *24 pls.* 1908.
[Translated from the original Danish by H. S. Kyle, Mrs. A. Rohde, and the Author's mother.]
Dansk Ferskvands-Biologisk Laboratorium Op. 5.

WESER (Daniele) [Dissertatio . . . de Hirudine, quam . . . sub præsidio . . . C. v. Linné . . . exhibet . . . D. Weser, *&c. pp. 15. See* Linnæus (C.) [*Theses & Orations.*] 4⁰. (1765.)]

Wanting.

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VII, no. 127. 8⁰. 1769.

—— —— Editio secunda, *&c.* 8⁰. 1789.

WESLEY NATURALIST, The, *&c.* Vol. I-III.† *See* Wesley Scientific Society. 8⁰. 1887-89.

WESLEY SCIENTIFIC SOCIETY. [Founded 1887.] The Wesley Naturalist. Monthly journal . . . Editors: . . . W. H. Dallinger . . . W. Spiers . . . H. Friend. Vol. I-III.† 8⁰. *London*, 1887-89.

Only six parts appeared of Vol. III: the journal was then incorporated with the Journal of Microscopy, for which *See* POSTAL MICROSCOPICAL SOCIETY.

WESMAEL (ALFRED) De la Fécondation au point de vue des croisements et des hybridations en horticulture. *pp. 76.* 8⁰. *Gand*, 1863.

Wesmael (A.) *Populus.* *See* CANDOLLE (AUG. P. DE) Prodromus Systematis naturalis Regni Vegetabilis, *&c.* Pt. XVI. 8⁰. 1868.

Wesmael (A.) & **Heurck** (H. F. VAN) Prodrome de la Flore du Brabant, *&c.* *See* HEURCK (H. VAN) & WESMAEL (A.) 8⁰. 1861.

WESMAEL (CONSTANTIN) [1798-1872] Monographie des Braconides de Belgique, *&c.* 3 Pt. *illust.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Nouveaux Mémoires, *&c.* Tom. IX-XI. 4⁰. 1835-38.

Wesmael (C.) Notice zoologique sur un Hypéroodon. *pp. 13 : 2 pls.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Nouveaux Mémoires, *&c.* Tom. XIII. 4⁰. 1841.

Wesmael (C.) Tentamen dispositionis methodicæ Ichneumonum Belgii, *&c.* *pp. 238 : 1 pl.* *See* BRUSSELS. —ACADÉMIE ROYALE DES SCIENCES, *&c.* Nouveaux Mémoires, *&c.* Tom. XVIII. 4⁰. 1845.

Wesmael (C.) Remarques critiques sur diverse espèces d'Ichneumons de la Collection de . . . J. L. C. Gravenhorst, suivies d'un court Appendice Ichneumonologique, *&c.* *pp. 99.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés . . . Collection in 8⁰. Tom. VIII. 8⁰. 1859.

WESSEL (A. W.) Flora Ostfrieslands. Eine Anleitung zur . . . Bestimmung der in Ostfriesland wild wachsenden, so wie der . . . häufiger gebauten Gefässpflanzen, *&c.* *pp. viii [ii,] 291 : 9 pls.* 8⁰. *Aurich*, 1858.

Wessel (A. W.) Beitrag zur Käferfauna Ostfrieslands. *pp. 28.* 8⁰. *Aurich*, 1877.

WESSEL (JOANNES ALBERTUS) Disputatio . . . sistens Lapidem Lydium medicamentorum bonæ notæ regni vegetabilis quoad radices ligna cortices herbasque, quam . . . præside C. A. Bergen . . . submittit respondens J. A. Wessel, *&c.* *See* BERGEN (C. A. VON) 4⁰. [1744.]

WESSEL (PAULUS PHILIPPUS FRIDERICUS) [1826-] Descriptio geognostica regionis oribus viadrinis circumiectæ. Dissertatio geognostica, *&c.* *pp. 28 : 1 pl., 1 map geol.* 4⁰. *Bonnæ* [1851].

WESSÉN (CAROLUS JOHANNES) [1812-1843] Plantæ Cotyledoneæ in parœcia Ostrogothiæ Kärna, quas secundum methodum naturalem . . . Friesii disposuit . . . C. J. Wessén. *pp. 62.* 8⁰. *Upsaliæ*, 1838.

WEST (GEORGE STEPHEN) [1876-] A Treatise on the British Freshwater Algæ. *pp. xv, 372 : 1 pl., text illust.* 8⁰. *Cambridge*, 1904.

The volume forms one of the "Cambridge Biological Series."

West (G. S.) [Freshwater Algæ of the Isle of Wight.] *See* MOREY (F.) A Guide to the Natural History of the Isle of Wight, *&c.* 8⁰. 1909.

West (G. S.) & (WILLIAM) *Botanist.* The Alga-Flora of Yorkshire, *&c.* *pp. 239.* *See* YORKSHIRE NATURALISTS' UNION. The Transactions, *&c.* Series E, vol. V. 8⁰. (1900-) 1901.

West (G. S.) & (WILLIAM) *Botanist.* [Freshwater Algæ from West Africa.] *See* BRITISH MUSEUM (NATURAL HISTORY). *Botany.* Catalogue of the African Plants collected by . . . F. Welwitsch in 1853-61. Vol. II. 8⁰. 1901.

West (G. S.) & (WILLIAM) *Botanist.* A Contribution to the Freshwater Algæ of the north of Ireland. *pp. 100 : 3 pls.* *See* WEST (W.) *Botanist* & (G. S.) 4⁰. 1902.

West (G. S.) & (WILLIAM) *Botanist.* A Monograph of the British Desmidiaceæ. Vol. I→ *illust. col.* *See* RAY SOCIETY. 8⁰. 1904→

West (G. S.) & (WILLIAM) *Botanist.* [Freshwater Algæ from the Antarctic regions.] *See* SHACKLETON (*Sir* E. H.) British Antarctic Expedition [in the Nimrod], 1907-9 . . . Reports, *&c.* Vol. I, pt. 7. 4⁰. 1911.

WEST (HANS) [1758-1811] Bidrag til Beskrivelse over Stᵉ Croix med en kort Udsigt over St. Thomas, St. Jean, Tortola, Spanishtown og Crabeneiland. *pp. [iv,] 363, 2 tabs.* 8⁰. *Kjöbenhavn*, 1793.

WEST (S. J.) General description of the Gravesend Natural History Exhibition, and Museum, *&c.* *pp. 24.* 8⁰. *Gravesend*, 1888.

WEST (TUFFEN) [1823-1891] A Synopsis of the British Diatomaceæ; . . . the plates by T. West, *&c.* 2 Vol. *See* SMITH (W.) *F.L.S.* 8⁰. 1853-56.

WEST (WILLIAM) *Botanist* [1848-1914] [Fresh-Water Algæ from Clare Island.] *pp. 62 : 2 pls.* *See* ROYAL IRISH ACADEMY. Proceedings, *&c.* Vol. XXXI. Clare Island Survey. Pt. 16. 8⁰. 1912.

West (WILLIAM) *Botanist* & (G. S.) The Alga-Flora of Yorkshire: a complete account of the known Freshwater Algæ of the county, with many notes on their affinities and distribution. *pp. 239.* *See* YORKSHIRE NATURALISTS' UNION. The Transactions, *&c.* Series E, vol. V. 8⁰. (1900-) 1901.

West (WILLIAM) *Botanist* & (G. S.) [Freshwater Algæ from West Africa.] *See* BRITISH MUSEUM (NATURAL HISTORY). *Botany.* Catalogue of the African Plants collected by . . . F. Welwitsch in 1853-61. Vol. II. 8⁰. 1901.

West (WILLIAM) *Botanist* & (G. S.) A Contribution to the Freshwater Algæ of the north of Ireland. *pp. 100 : 3 pls.* 4⁰. *Dublin, &c.*, 1902.

Trans. Roy. Irish Acad. Vol. XXXII, sect. B, pt. 1.

West (WILLIAM) *Botanist* & (G. S.) A Monograph of the British Desmidiaceæ. Vol. I→ *illust. col.* *See* RAY SOCIETY. 8⁰. 1904→

West (WILLIAM) *Botanist* & (G. S.) [Freshwater Algæ from the Antarctic regions.] *See* SHACKLETON (*Sir* E. H.) British Antarctic Expedition [in the Nimrod], 1907-9 . . . Reports, *&c.* Vol. I, pt. 7. 4⁰. 1911.

WEST (WILLIAM) *Entomologist.* [Hemiptera, Homoptera & Coleoptera of Woolwich and West Kent.] *See* SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. A Survey and Record of Woolwich and West Kent, *&c.* Zoology. 8⁰. 1909.

WEST AFRICA, *French.* (*Afrique Occidentale Française.*) [*Maps.*] Carte Géologique de la presqu'île du Cap Vert (Sénégal). Publiée par le Gouvernement général de l'Afrique Occidentale Française. Les Explorations et les tracés géologiques ont été faits en 1903-1906, par . . . J. Chautard . . . Echelle 1 : 100,000 [*i.e.* 1 in. = 1½ m. about]. [With a "Notice explicative."] 2 sh. *col.*, *Paris*, 1906.

WEST AMERICAN SCIENTIST, The. (Official organ of the San Diego Society of Natural History.) C. R. Orcutt, Editor, *&c.* Vol. I—>
8⁰. *San Diego, Cal.*, 1884—>

There are no title-pages.
An Index to Vol. I–IV was published in 1889.

WEST HAM.—Passmore Edwards Museum. Catalogue of the Educational Collection of Minerals belonging to the West Ham Municipal Technical Institute. Compiled by H. A. Auden. *pp. 110.*
4⁰. [*West Ham*, 1902 ?]

WEST INDIAN BULLETIN, *&c.* Vol. I—>
See WEST INDIES.—*Imperial Department of Agriculture.*
8⁰. 1899—>

WEST INDIAN SURVEY. *See* GREAT BRITAIN & IRELAND.—*Geological Survey : West Indies.*

WEST INDIES.—IMPERIAL DEPARTMENT OF AGRICULTURE.
West Indian Bulletin : the Journal of the . . . Department, *&c.* Vol. I—> 8⁰. *Barbados*, 1899—>

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Agricultural News. A Fortnightly review of the . . . Department, *&c.* Vol. I—> *illust.* 8⁰. *Barbados*, 1902—>

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Hints and suggestions for the treatment of the Moth Borer in Sugar Cane. By H. Maxwell-Lefroy. *pp. 21 : text illust.* 8⁰. [*Barbados*,] 1900.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Hints and Suggestions on Planting in Tobago. [By E. R. Smart, and revised by J. H. Hart.] *pp. 20.*
12⁰. [*London & Barbados*,] 1900.
Pamphlet Series, No. 2.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
The general treatment of Insect Pests. Second edition, revised. By H. Maxwell-Lefroy. *pp. 35 : text illust.*
12⁰. [*London & Barbados*,] 1901.
Pamphlet Series, No 5 (second edition).
A first edition was issued earlier in the same year.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Bee-Keeping in the West Indies. By W. K. Morrison. *pp.* [*vii*,] *73 : text illust.* 8⁰. [*London & Barbados*,] 1901.
Pamphlet Series, No. 9.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Nature Teaching based upon the general principles of Agriculture . . . By F. Watts, *&c.* *pp. xii, 199.*
8⁰. *London & Barbados*, 1901.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Screw Worm in Cattle at St. Lucia. By H. Maxwell-Lefroy. *pp. 13.* 12⁰. [*London & Barbados*,] 1902.
Pamphlet Series, No. 14.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
The general treatment of Fungoid Pests. By A. Howard. *pp. 43 : text illust.* 12⁰. [*London & Barbados*,] 1902.
Pamphlet Series, No. 17.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Cotton and Onion Industries in the West Indies. *pp. 17.*
8⁰. [*Barbados*,] 1903.
Pamphlet Series, No. 21.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Information relating to Cotton cultivation in the West Indies. *pp. 30.* fol. *Barbados*, 1903.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Soils of Dominica. Report on the Physical and Chemical Analyses . . . 1902. (By F. Watts.) *pp. 32 : text illust.* fol. *Barbados*, 1903.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
[Three] Lectures on the Diseases of the Sugar-Cane. By L. Lewton-Brain. *pp.* [*ii*,] *51 : text illust.*
8⁰. [*Bridgetown, Barbados*,] 1904.
Pamphlet Series, No. 29.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Notes on Rabbit Keeping in the West Indies. By J. Barclay. *pp. 29.* 8⁰. [*Bridgetown, Barbados*,] 1905.
Pamphlet Series, No. 34.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
[Seven] Lectures to Sugar Planters. Issued under the direction of the Imperial Commissioner of Agriculture, *&c.* *pp. vii, 176.* 8⁰. *London*, 1906.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Fungus Diseases of Cacao, and sanitation of Cacao orchards. By F. A. Stockdale. *pp. vi, 47.*
8⁰. [*Bridgetown, Barbados*,] 1908.
Pamphlet Series, No. 54.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Millions and Mosquitoes. By H. A. Ballou. *pp.* [*vi*,] *16 : 1 text illust.* 8⁰. [*Bridgetown, Barbados*,] 1908.
Pamphlet Series, No. 55.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Insect Pests of Cacao. By H. A. Ballou. *pp.* [*ii*,] *26 : text illust.* 8⁰. [*Bridgetown, Barbados*,] 1909.
Pamphlet Series, No. 58.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Insect Pests of the Lesser Antilles. By H. A. Ballou. *pp. ix, 210 : text illust.* 8⁰. *Bridgetown, Barbados*, 1912.
Pamphlet Series, No. 71.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Lime Cultivation in the West Indies. *pp.* [*iii*,] *136 : text illust.* 8⁰. [*Bridgetown, Barbados*,] 1913.
Pamphlet Series, No. 72.

West Indies.–IMPERIAL DEPARTMENT OF AGRICULTURE.
Root Borers and other grubs in West Indian Soils. By H. A. Ballou. *pp.* [*ii*,] *38 : 1 pl., text illust.*
8⁰. [*Bridgetown, Barbados*,] 1913.
Pamphlet Series, No. 73.

WEST KENT NATURAL HISTORY, MICROSCOPICAL AND PHOTOGRAPHIC SOCIETY. [Founded 1860.]
The President's address (Papers) and Reports, *&c.* 1873, 1874, 1879–1900. 8⁰. *Lewisham, &c.*, 1874–1900.
[*Continued as :*]
Transactions, *&c.* 1900–1 — 03–4.†
8⁰. *London, &c.*, 1901–04.
Later publications appeared in the "South Eastern Naturalist" [*q.v.*].

WEST LONDON SCIENTIFIC ASSOCIATION AND FIELD CLUB. [Founded 1874.]
Proceedings, *&c.* Vol. I, pt. 1–4.† 8⁰. *London*, 1875–77.

WEST OF ENGLAND JOURNAL OF SCIENCE AND LITERATURE, The. No. I–V.† 1835–6. 8⁰. *Bristol*, 1836.

WEST RIDING CONSOLIDATED NATURALISTS' SOCIETY.
See YORKSHIRE NATURALISTS' UNION.

WEST VIRGINIA, *State of.*—GEOLOGICAL SURVEY.
West Virginia Geological Survey. Vol. I.—>
8⁰. *Morgantown*, 1899.

West Virginia, *State of.*—GEOLOGICAL SURVEY.
[*Maps.*] Map showing occurrence of Coal, Oil and Gas in West Virginia. By I. C. White. . . . Scale : one inch = eight miles. s.sh. (*col.*) *Morgantown, W. Va.*, 1904.

West Virginia, *State of.* — GEOLOGICAL SURVEY. [*Maps.*] Map of West Virginia showing Railroads and County Products . . . Scale 1 inch = 12 miles, *&c.* s.sh. (*col.*) *Morgantown, W. Va.*, 1905.

West Virginia, *State of.* — GEOLOGICAL SURVEY. [*Maps.*] Map of West Virginia showing Coal, Oil, Gas and Limestone areas . . . I. C. White . . . author of geologic features . . . Scale: seven miles to the inch, *&c.* s.sh. *col. Morgantown, W. Va.*, 1910.

WEST VIRGINIA, *State of.* [*Maps.*] *See* supra, GEOLOGICAL SURVEY. [*Maps.*]

WESTBERG (GUSTAV VON) Einiges über Bisone und die Verbreitung des Wisent im Kaukasus. *See* RIGA. —NATURFORSCHER VEREIN. Festschrift, *&c.* 8⁰. 1895.

WESTCLIFFE, *Colorado.* — **Colorado Biological Association.**
See COLORADO BIOLOGICAL ASSOCIATION.

WESTCOTT (FREDERIC) [-1861] *See* FLORAL CABINET, *The*, and Magazine of Exotic Botany. Conducted by . . . F. Westcott. Vols. I–III.† 4⁰. 1837–40.

WESTENDORP (GÉRARD DANIEL) [1813–1868] Les Cryptogames classés d'après leurs stations naturelles. *pp. xvi, 301.* 8⁰. *Gand*, 1854.

Westendorp (G. D.) Prodromus Floræ Bataviæ, *&c.* Vol. II, pt. 4. *See* LEYDEN.—VEREENIGING VOOR DE NEDERLANDSCHE FLORA. 8⁰. 1866.

WESTENRIEDER (LORENZ VON) [1748–1829] Geschichte der Baierischen Akademie der Wissenschaften . . . verfertigt von L. Westenrieder. Thl. I. *See* MUNICH. —KOENIGLICH-BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. 8⁰. 1784.

WESTER (ALIDA OLBERS)
See OLBERS afterwards WESTER (A.)

WESTER (P. J.) Roselle: its culture and uses. *pp. 16: text illust. See* UNITED STATES. — *Department of Agriculture.* Farmers' Bulletin No. 307. 8⁰. 1907.

WESTERGÅRD (ANTON HILMAR) [1880–] Platålera, en supramarin hvarfvig lera från Skåne. *pp. 9. See* SWEDEN.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. C, no. 201. 8⁰. 1906.

Westergård (A. H.) Studier öfver *Dictyograptus*skiffern och dess Gränslager, med särskild hänsyn till i Skåne förekommande bildningar. *pp. 79 : 5 pls., text illust. See* LUND.—KAROLINSKA UNIVERSITETET. Acta, *&c.* Nova Series, tom. XX, no. 3. 4⁰. 1909.

Westergård (A. H.) Om Jordskredet vid Saltkällan i Bohuslän. *pp. 8 : 4 pls. (1 col.), text illust. See* SWEDEN. —*Sveriges Geologiska Undersökning.* Årsbok 3 (1909), no. 8. [= Afhandlingar, *&c.* Ser. C, no. 225.] 8⁰. 1910.

WESTERGREN (T.) *See* VESTERGREN (TYCHO)

WESTERHOFF (REMBERT) R. Westerhoff . . . Commentatio ad quæstionem . . . propositam . . . "Detur accurata descriptio botanica viginti aut plurium Plantarum, in solo Groningano sponte et simul copiose provenientium, adjecta brevi earum historia . . ." *&c. pp. 125.* 4⁰. [*Groningæ,*] 1820.

WESTERLING (CAROLUS UDALRICUS) Dissertatio entomologica de Hemipteris rostratis Capensibus, cujus partem quartam et ultimam . . . p.p. C. U. Westerling, *&c. See* THUNBERG (C. P.) 4⁰. [1822.]

WESTERLUND (AULIS) [-1899] Hymenopteroloogiska havainnoita Laatokan pohjois-rannikolta, tehnyt kesällä v. 1891. *pp. 30. See* HELSINGFORS.— SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. IX, no. 2. 8⁰. 1893.

WESTERLUND (CARL AGARDH) Bidrag till Kännedomen af Sveriges Atriplices. Akademisk afhandling, *&c. pp. 62.* 8⁰. *Lund*, 1861.

Westerlund (C. A.) Exposé critique des Mollusques de terre et d'eau douce de la Suède et de la Norvége, *&c. pp. 200. See* UPSALA.—KONGLIGA VETENSKAPSSOCIETETEN. Nova Acta, *&c.* Ser. III, vol. VIII, no. 1. 4⁰. 1871.

Westerlund (C. A.) Fauna Molluscorum terrestrium et fluviatilium Sveciæ, Norvegiæ et Daniæ.— Sveriges, Norges och Danmarks Land- och Sötvatten-Mollusker. 2 Pt. *pp. v, 651.* 8⁰. *Stockholm* (1871–73).

Westerlund (C. A.) Fauna Europæa Molluscorum extramarinorum. Prodromus, sistens descriptiones systematicas et criticas omnium generum et specierum horum animalium in Europa viventium et hodie cognitarum. 2 Fasc. 8⁰. *Lundæ*, 1876, 78.

Westerlund (C. A.) Sibiriens Land- och Sötvatten-Mollusker, *&c. pp. 111 : 1 pl. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XIV, no. 12. 4⁰. 1877.

Westerlund (C. A.) Monografi öfver Paläoarktisk Regionens Clausilier. Akademisk afhandling. *pp. xxvii, 184 [12].* 8⁰. *Lund*, 1878.

Westerlund (C. A.) Sveriges, Norges, Danmarks och Finlands Land- och Sötvatten-Mollusker. Exkursionsfauna. *pp. xvi, 76.* 8⁰. *Stockholm*, 1884.

Westerlund (C. A.) Land- och Sötvatten-Mollusker. Insamlade under Vega-expeditionen af O. Nordquist och A. Stuxberg. *See* NORDENSKIÖLD (N. A. E. VON). Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. IV. 8⁰. 1887.

Westerlund (C. A.) Fauna der in der paläarctischen Region . . . lebenden Binnenconchylien. 2 Thl. [in 7 Hft.] 8⁰. *Lund, &c.*, (1884–) 1886–90.

—— I. Supplement (Zusätze). *pp. 179, 8 (128).* 8⁰. *Berlin*, 1890.

Westerlund (C. A.) Katalog der in der paläarctischen Region lebenden Binnenconchylien. *pp. 224, 128.* 8⁰. *Berlin & Karlshamn*, 1890.

Westerlund (C. A.) Species novas generis "Vitreæ" Fitz. ad Hispalim Hispaniæ a Prof. Calderon inventas descriptasque . . . C. A. Westerlund. *pp. 2. See* MADRID. —REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Annales, *&c.* Tom. XX. 8⁰. 1891.

Westerlund (C. A.) Faunula Molluscorum Hispalensis. *pp. 10. See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XXI. 8⁰. 1892.

Westerlund (C. A.) Synopsis Molluscorum Extramarinorum Regionis Palæarcticæ . . . Fasciculus I. genera et species ex typis Bulimi et Pupæ. *pp. 124, 15.* 8⁰. *Lundæ*, 1897.

Westerlund (C. A.) Synopsis Molluscorum Extramarinorum Scandinaviæ, *&c. pp. 238. See* HELSINGFORS. —SOCIETAS PRO FAUNA ET FLORA FENNICA. Acta, *&c.* Vol. XIII, no. 7. 8⁰. 1897.

Westerlund (C. A.) Synopsis Molluscorum in Regione Palæarctica viventium ex typo *Clausilia*, Drap. *pp. xxxvii, 203. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XI, no. 11. 4⁰. 1901.

Westerlund (C. A.) & **Blanc** (H.) Aperçu sur la Faune Malacologique de la Grèce, inclus l'Épire et la Thessalie. Coquilles extramarines. *pp. 161 : 4 pls.* 4⁰. *Naples*, 1879.

WESTERMAIER (MAXIMILIAN) [1852–1903] Die wissenschaftlichen Arbeiten des Botanischen Instituts der K. Universität zu Berlin in den ersten 10 Jahren seines Bestehens. Ein Beitrag zur Geschichte der Botanik. *pp. 65.* 8⁰. *Berlin*, 1888.

Westermaier (M.) Zur Embryologie der Phanerogamen, insbesondere über die sogenannten Antipoden. *pp. 39 : 3 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LVII, no. 1. 4⁰. 1890 (1892).

Westermaier (M.) Ueber Spaltöffnungen und ihre Nebenapparate. *See* GIESENHAGEN (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

Westermaier (M.) Zur Entwickelung und Struktur einiger Pteridophyten aus Java. *pp. 27 : 1 pl.* 8⁰. *Freiburg (Schweiz)*, 1900.

Westermaier (M.) Zur Kenntniss der Pneumatophoren. *pp. 53 : 3 pls.* 8⁰. *Freiburg (Schweiz)*, 1900.

WESTERMAN (G. F.) [1808 ?–1890]
Beschrijving van eenen nieuwen Roofvogel, *Machaerhamphus alcinus.*
Beschrijving van eene nieuwe soort van Gaai *Garrulus Lidthii.*
Beschrijving van eene nieuwe soort van Marter, *Mustela (Martes) Henricii..*
Beschrijving van twee nieuwe soorten van Meezen. I. *Parus (Lophophanes) Wollweberi.* II. *Psaltria personata.*
See AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev. 2 & 3. 4⁰. 1851.

Westerman (G. F.)
Beschrijving van drie weinig bekende soorten van het geslacht *Pitta.* I. *Pitta maxima*, Forsten. II. *Pitta melanocephala*, Forsten. III. *Pitta celebensis*, Forsten. Beschrijving van *Tringa leucoptera.*
See AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 6. 4⁰. 1854.

Westerman (G. F.) De Toerako's afgebeeld en beschreven door H. Schlegel onder medewerking van G. F. Westerman, *&c. See* SCHLEGEL (H.) fol. 1860.

WESTERN AUSTRALIA.
General information respecting the present condition of the Forests and Timber trade of the southern part of the Colony (by M. Fraser) . . . Together with a Report on the Forest Resources of the Colony by Baron F. von Mueller, *&c. pp. [i,] 27, [ii,] 30: 20 pls., 2 maps.* 4⁰. *Perth* [*W.A.*], 1882.
Baron von Mueller's Report was issued as a separate work in 1879.

Western Australia.
Western Australian Year-Book for 1889. (Fourth year of issue.) By W. A. Gale. *pp. [iv,] 79 : 1 map.* 8⁰. *Perth* [*W.A.*], 1890.

—— 1890 . . . By M. A. C. Fraser. *pp. iii, 127 : 1 map.* 8⁰. *Perth* [*W.A.*], 1891.

—— 1891, *&c. pp. viii, 201 : 2 maps.* 8⁰. *Perth* [*W.A.*], 1892.

—— 1893–4, *&c. pp. ix, 352 : 1 map.* 8⁰. *Perth* [*W.A.*], 1895.

—— 1894–5, *&c. pp. xiii, 393 : 1 map col.* 8⁰. *Perth* [*W.A.*], 1896.

—— 1896–7 (Tenth edition.) *pp. xvi, 580, 9 tabs. : 3 maps col.* 8⁰. *Perth* [*W.A.*], 1898.

Western Australia.
Western Australia in 1893. [Second edition.] *See* HART (F.) 8⁰. 1893 [*i.e.* 1894].

Western Australia.
The Golden West. Her mines and industries, 1899, as represented at the Coolgardie Exhibition. fol. [*Perth, W.A.*, 1899.]

Western Australia.
Notes on the Natural History, etc., of Western Australia, being Extracts from the Western Australian Year Book for 1900–01. By M. A. C. Fraser. *pp. vii, 250 : 36 pls., 2 maps.* 8⁰. *Perth* [*W.A.*], 1903.

WESTERN AUSTRALIA.—COLONIAL SECRETARY'S OFFICE.
Report on the survey of the Kimberley district, during . . . 1885. ([By] H. F. Johnston.) 4⁰. *Perth* [*W.A.*], 1885.
Government Gazette. 1885. *pp. 635–640.*

WESTERN AUSTRALIA.—DEPARTMENT OF AGRICULTURE.
Journal, *&c.* No. I→ 8⁰. *Perth* [*W.A.*], 1899→

WESTERN AUSTRALIA.—DEPARTMENT OF LANDS AND SURVEYS.
Western Australia in 1907. Facts and Figures, *&c. pp. 16 : 1 pl., 1 map col.* 12⁰. *Perth* [*W.A.*], 1908.

Western Australia. — DEPARTMENT OF LANDS AND SURVEYS.
Western Australia : a field for Immigration, *&c. pp. 48 : 25 pls., 2 maps (col.)* 12⁰. *Perth* [*W.A.*], 1908.

Western Australia.—DEPARTMENT OF LANDS AND SURVEYS.
Report by the Surveyor General for the year ending 30th June, 1911. *pp. 22 : 1 map.* 4⁰ *Perth* [*W.A.*], 1911.

WESTERN AUSTRALIA.—DEPARTMENT OF MINES.
Report, *&c.* 1896→ 4⁰. *Perth* [*W.A.*], 1897→

Western Australia.—DEPARTMENT OF MINES.
Gold Mining Statistics for the year 1896 (1897→). 4⁰. *Perth* [*W.A.*], 1897 (1898→).

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Ballagundi, N.E. Coolgardie G[old] F[ield]. [Scale 1 m. = 3½ in.] s.sh. [*Perth, W.A.*,] 1896.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Coal mining leases. Collie River Coal Mining district. [Scale 1 m. = 2 in.] s.sh. [*Perth, W.A.*,] 1897.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at I.O.U. (Bulong) North-east Coolgardie G[old] F[ield], *&c.* [Scale 1 m. = 4 in.] s.sh. [*Perth, W.A.*,] 1897.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Mt. Margaret, *&c.* [Scale 1 m. = 4 in.]
s.sh. [*Perth, W.A.*,] 1897.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Map of Western Australia, shewing goldfields & other mining districts. [Scale 1 in. = 60 m.]
s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Map shewing principal mining centres: Eastern Goldfields. [Scale 1 in. = 3 m.] s.sh. *col.* [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mineral leases in the Northampton Mining District. [Scale 1 in. = 2 m.] s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Coolgardie, *&c.* [Scale 1 m. = 4 in.]
s.sh. & Index. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Cue and Day Dawn, Murchison G[old] F[ield]. [Scale 1 m. = 4 in.]
s.sh. & Index [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Dundas, Dundas G[old] F[ield]. [Scale 1 m. = 4 in.] 2 sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Kalgoorlie, East Coolgardie Goldfields. [Scale 1 m. = 4 in.]
3 sh. & Index to sh. 1 & 2. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Londonderry and Burbanks, Coolgardie G[old] F[ield]. [Scale 1 m. = 4 in.]
s.sh. & Index. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Menzies, North Coolgardie G[old] F[ield]. [Scale 1 m. = 4 in.] s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Niagara, Tampa and Armidale, North Coolgardie G[old] F[ield]. [Scale 1 m. = 2 in.]
s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases at Norseman, Dundas Goldfield. [Scale 1 m. = 4 in.] s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Mining leases in the Broad Arrow Goldfield. [Scale 1 m. = 2 in.] 2 sh. & Index to sh. 1. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Part of Goldfields Colony Map of Western Australia. [Scale 1 in. = 10 m.] 4 sh. *col.* [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Pilbarra and West Pilbarra Goldfields. [Scale 1 in. = 11 m. about.] s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Plan of Broad Arrow Deep Leads. Scale 3 chains to an inch [*i.e.* 1 m. = 26⅔ in. about.]
s.sh. [*Perth, W.A.*,] 1898.

Western Australia.—DEPARTMENT OF MINES. [*Maps.*]
Plan of Kanowna Deep Leads, &c. Scale 4 chains = 1 inch [*i.e.* 1 m. = 20 in.]. s.sh. [*Perth, W.A.*,] 1898.

WESTERN AUSTRALIA.—GEOLOGICAL DEPARTMENT.
Annual general Report, *&c.* 1888-9 & 1890.
8⁰. *Perth* [*W.A.*], 1890, 91.

Western Australia.—GEOLOGICAL DEPARTMENT.
Western Australia. Catalogue of exhibits . . . with an appendix containing an account of the principal mining districts of the Colony. *See* LONDON.—*International Exhibition of Mining and Metallurgy, 1890.* 8⁰. 1890.

Western Australia.—GEOLOGICAL DEPARTMENT.
Report on the Goldfields of the Kimberley District, by H. P. Woodward, *&c.* *pp. 38.* 8⁰. *Perth* [*W.A.*], 1891.

Western Australia.—GEOLOGICAL DEPARTMENT.
Mining Handbook to the colony of Western Australia . . . By H. P. Woodward, *&c.* *pp. 126 : 3 pls., 10 maps.*
8⁰. *Perth* [*W.A.*], 1894.

—— Second edition. *pp. vi, 216 : 3 pls., 6 maps.*
8⁰. *Perth* [*W.A.*], 1895.

WESTERN AUSTRALIA.—GEOLOGICAL SURVEY.
[Founded 1896 : for previous publications by the Government Geologist, *See* supra *Geological Department.*]
Annual Progress Report, *&c.* 1897→
4⁰. *Perth* [*W.A.*], 1898→

The Report for 1896 was published as part of that for the "Department of Mines" [*q.v.*].

Western Australia.—GEOLOGICAL SURVEY.
Bulletin No. 1→ 8⁰. *Perth* [*W.A.*], 1898→

Western Australia.—GEOLOGICAL SURVEY.
Reports by the Government Geologist in connection with the Water Supply of the Goldfields, *&c.* *pp. 7 : 4 maps col.* fol. *Perth* [*W.A.*], 1897.

Western Australia.—GEOLOGICAL SURVEY.
Reprint of Bulletins 15, 20, & 23. The Geological features and Mineral resources of the Pilbara Goldfield. By A. G. Maitland . . . With an Appendix by A. Montgomery. *pp. xiv, 437, 4 tabs. : 17 pls., 16 maps (14 geol. col.), text illust.* 8⁰. *Perth, W.A.*, 1908.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of Northampton. By A. G. Maitland . . . Scale 20 chains [= ¼ m.] to 1 inch.
2 sh. *col.* [*Perth, W.A.*,] 1898.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of the Collie Coal Field by A. G. Maitland . . . Scale 40 chains [= ½ m.] to 1 inch.
2 sh. *col.* [*Perth, W.A.*,] 1898.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of Coolgardie . . . by T. Blatchford and E. L. Allhusen. 1898. Scale 10 chains to 1 inch [*i.e.* 1 m. = 8 in.] 4 sh. *col. Perth, W.A.*, 1899.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Sketch Map of the country between Cue, Peak Hill and Menzies, *&c.* [Scale 1 in. = 22⅚ m. about.]
s.sh. *col. Perth, W.A.* [1899 ?]

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Topographical Map of Menzies, North Coolgardie Gold field. By W. D. Campbell. [Scale 1 m. = 4 in.]
2 sh. *Perth, W.A.*, 1899.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Mining Map of the Boulder Belt East Coolgardie G[old] F[ield] . . . By W. D. Campbell . . . & . . . S. J. Becher . . . Scale 4 chains to 1 inch [*i.e.* 1 m. = 20 in.]
2 sh. [*Perth, W.A.*,] 1900.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Topographical Map of Kalgoorlie . . . by W. D. Campbell . . . & . . . S. J. Becher. [Scale 1 m. = 8 in.]
4 sh. [*Perth, W.A.*,] 1900.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of Kalgoorlie by A. G. Maitland . . . and W. D. Campbell . . . Scale 10 chains [= ¼ m.] to 1 inch. 6 sh. *col. Perth, W.A.*, 1902.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Geological Map of the Boulder Belt, East Coolgardie G[old] F[ield]. By A. Gibb Maitland . . . and W. D. Campbell . . . Scale 4 chains to 1 inch [*i.e.* 1 m. = 20 in.] 2 sh. *col.* [*Perth, W.A.*] 1903.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Vertical Sections to accompany the Geological Map of the Boulder Belt, East Coolgardie Gold field. By A. G. Maitland . . . and W. D. Campbell, *&c.* [Scale 1 m. = 20 in.] s.sh. *col. Perth, W.A.*, 1903.

Western Australia.—GEOLOGICAL SURVEY. [*Maps.*]
Topographical Map of Meekatharra. By H. W. B. Talbot, *&c.* [Scale 1 in. = ½ mile.] s.sh. *Perth, W.A.*, 1911.

WESTERN AUSTRALIA.—LEGISLATIVE COUNCIL.
Report on a Geological section of the Eastern Railway, by C. G. Nicolay. *pp. 2 : 1 pl.* 4⁰. *Perth* [*W.A.*], 1888.

Western Australia.—LEGISLATIVE COUNCIL.
Report on the Gold-bearing rocks of Victoria, compared with the probably auriferous rocks of Western Australia, by E. T. Hardman. *pp. 12.* 4⁰. *Perth* [*W.A.*], 1886.

Western Australia.—LEGISLATIVE COUNCIL.
Report on the Geology of the Kimberley District . . . by E. T. Hardman. 2 Pt. *illust.* 4⁰. *Perth* [*W.A.*], 1884, 85.
Accompanied by a map on the scale of 1 in. = 9 m. about.
For similar map on larger scale, *See* KIMBERLEY, *Australia.* [*Maps.*]

Western Australia.—LEGISLATIVE COUNCIL.
Plants of north-western Australia (Enumerative notes on the Plants collected during . . . J. Forrest's . . . Survey of the Nickol Bay district during . . . 1878) . . . by Baron F. von Mueller. *pp. 19.* 4⁰. *Perth* [*W.A.*], 1881.

WESTERN AUSTRALIA. [*Maps.*]
The Colony of Western Australia ; from the Surveys of J. S. Roe, Surveyor General . . . Compiled by J. Arrowsmith. [Scale 1 in. = 16 m.] s.sh. *col. London*, 1863.

Western Australia. [*Maps.*]
Map of part of the colony of Western Australia. Shewing the progress of the Geological Survey from . . . 1870 to . . . 1872. H. Y. L. Brown, Government Geologist. [Scale 1 in. = 16 m. about.] s.sh. *col. Perth* [*W.A.*], 1872.

Western Australia. [*Maps.*]
Map of Western Australia, *&c.* [Scale 1 in. = 25 m.] 4 sh. *Perth* [*W.A.*], 1884.

Western Australia. [*Maps.*]
Map of Western Australia. [Scale 60 m. = 1 in.] s.sh. *Perth, W.A.*, 1894.
Supplement to the "Mining Journal, *&c.*" Vol. LXIV, no. 3050.

Western Australia. [*Maps.*]
Geological sketch map of Western Australia 1894 . . . H. P. Woodward . . . government geologist. Scale 1 : 3,000,000 [*i.e.* 1 in. = 47⅓ m. about]. s sh. *col. London & Liverpool*, 1894.

Western Australia. [*Maps.*]
See also SANDS (J.) The new Atlas of Australia, *&c.* fol. 1886.

[For Geological and Mining Maps]
See supra, *Department of Mines.* [*Maps.*]
See supra, *Geological Survey.* [*Maps.*]

WESTERN AUSTRALIAN MUSEUM & ART GALLERY.
See PERTH, *Western Australia.*

WESTERN MICROSCOPICAL CLUB.
[Founded 1882.]
Abstract of the Proceedings, *&c.* Session 1883–4—1892–3.† 8⁰. [*London*, 1885–94.]

WESTERN PORT, Victoria, *Australia.* [*Maps.*]
Geological sketch Map of the Western Port . . . Coal fields. Scale 100 chains [= 1¼ m.] to 1 in. *See* VICTORIA, *Australia.—Department of Mines.* s.sh. 1882.

WESTFAELISCHER PROVINZIAL-VEREIN FUER WISSENSCHAFT & KUNST.
See MUNSTER.

WESTGARTH (WILLIAM) [1815–1889] Tracks of McKinlay and party across Australia. By J. Davis . . . Edited . . . with an introductory view of the recent Australian explorations . . . by W. Westgarth. *See* DAVIS (J.) *of Adelaide.* 8⁰. 1863.

WESTGATE (JOHN M.) Reclamation of Cape Cod Sand Dunes. *pp. 38. 5 pls., 1 map. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 65. 8⁰. 1904.

Westgate (J. M.) Alfalfa. *pp. 48 : text illust. See* UNITED STATES. — *Department of Agriculture.* Farmers' Bulletin No. 339. 8⁰. 1908.

Westgate (J. M.) & **Oliver** (G. W.) The application of vegetative propagation to leguminous forage plants. *pp. 7 : 3 pls. See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 102, pt. 4. 8⁰. 1907.

Westgate (J. M.) & **others.** Alfalfa Seed production. *pp. 36 : text illust. See* UNITED STATES.—*Department of Agriculture.* Farmers' Bulletin 495. 8⁰. 1912.

WESTLAKE (ERNEST) Tabular Index to the Upper Cretaceous fossils of England and Ireland, cited by . . . C. Barrois in his "Description Géologique de la Craie de l'Île de Wight," Paris, 1875, et "Recherches sur le Terrain Crétacé Supérieur de l'Angleterre et de l'Irlande," Lille, 1876. *pp. 24.* 4⁰. *Fordingbridge*, 1888.

WESTLAND INSTITUTE. [Founded 1863.]
[For Proceedings, *&c.*] *See* NEW ZEALAND INSTITUTE. Transactions, *&c.*

WESTLING (CHARLOTTE) Beiträge zur Kenntniss des peripherischen Nervensystems. (Pt. I. *Pithecus Satyrus.* Pt II. *Ornithorhynchus paradoxus.*) *pp. 48 : 3 pls. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. IX, no. 8. 8⁰. 1884.
Meddelanden från Stockholms Högskola. No. 19.

Westling (C.) Anatomische Untersuchungen über Echidna. *pp. 71 : 6 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . Handlingar. Bd. XV, Afd. IV, no. 3. 8⁰. 1889 (1890).
Meddelanden från Stockholms Högskola. No. 88.

WESTLING (RICHARD) Ueber die grünen Spezies der Gattung *Penicillium.* Versuch einer Monographie. *pp. 156 : text illust. See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Vol. XI, no. 1. 8⁰. 1912.
Also issued as a Thesis in 1911.

WESTMAAS (E. A. DE ROO VAN)
See ROO VAN WESTMAAS.

WESTMAN (Jonas) [1867-] Beobachtungen über die Sulitälma-Gletscher im Sommer 1908. *pp. 48 : 8 pls. See* Sweden.—*Sveriges Geologiska Undersökning.* Afhandlingar, *&c.* Ser. Ca. no. 5, ii. 4⁰. 1910.

WESTMAN (Lorens Fredrik) [1795-1861] Dissertatio de fœcundatione Plantarum, cujus partem secundam . . . subjiciunt præses J. W. Zetterstedt . . . et respondens L. F. Westman, *&c. See* Zetterstedt (J. W.) 4⁰. 1812.

Westman (L. F.) Monographia Muscidum Sveciæ. Quam [*pp. 1-12*] . . . subjicit L. F. Westman. *See* Fallén (C. F.) Diptera Sveciæ, *&c.* Vol. ii. 4⁰. 1820.

—— [Another copy, without the original title-pages.]

WESTMAN (Sven Abraham) [1783-1843] Museum naturalium Academiæ Upsaliensis, cujus partem xxvi. . . . submittit . . . S. A. Westman, *&c. See* Thunberg (C. P.) 4⁰. [1805.]

WESTMANN (Steno Eduardus) Dissertatio entomologica, sistens Insecta Suecica, quorum partem nonam . . . subjicit S. E. Westman, *&c. See* Thunberg (C. P.) 4⁰. [1795.]

—— [Another edition.] *See* Thunberg (C. P.) Dissertationes Academicæ Upsaliæ, *&c.* Vol. iii, no. 10. 8⁰. 1801.

WESTON (Richard) [1733-1806] [Tracts on Practical Agriculture and Gardening, *&c.* 8⁰. *London*, 1769.]
Wanting.

—— Second edition, *&c. pp. xxxi, 298, 136.* 8⁰. *London*, 1773.

Weston (R.) Botanicus universalis et hortulanus : exhibens descriptiones specierum et varietatum Arborum, Fruticum, Herbarum, Florum & Fructuum, indigenorum et exoticorum, per totum orbem . . . Cum nominibus Anglice redditis (—The universal botanist and nurseryman), *&c.* 4 Vol. 8⁰. *London*, 1770-77.
Vol. iv contains :—
A Catalogue of the principal botanical authors and their works . . . from Theophrastus, to . . . 1770 . . . in their chronological order.
A chronological table of botanical authors.
A set of copper-plates, with descriptions, necessary to explain the Linnæan system.

Weston (R.) [Flora Anglicana, *&c.*] The English Flora : or, a catalogue of Trees, Shrubs, Plants and Fruits . . . cultivated . . . in the English nurseries . . . Also a general catalogue of seeds, *&c.* (Floræ Anglicanæ supplementum, *&c.* The supplement to the English Flora, *&c.*) 2 Vol. [in 1.] eng. & lat. 8⁰. *London*, 1775 (-80).
Wanting the Latin title-page.

WESTON (Stephen) *Bishop of Exeter* [1747-1830] *See* Werneria ; or, short characters of Earths . . . By Terræ Filius [*pseud., i.e.* S. Weston]. 8⁰. 1805.

WESTON-SUPER-MARE.—Free Library and Museum. [Founded 1901.]
Annual Report, *&c.* 1901→ 8⁰. *Weston-super-Mare*, 1902→
Wanting that for 1904.
The first three are simple reprints from a local newspaper.

WESTPHAL (Carolus Georgius Henricus) De organis circulationis et respirationis Reptilium. Specimen inaugurale medicum, *&c. pp.* [*iv,*] *59.* 8⁰. *Halæ*, 1806.

WESTPHAL-CASTELNAU (Alexandre) [1801-1867] Catalogue de la collection de Reptiles de . . . A. Westphal-Castelnau . . . complété par son fils A. Westphal-Castelnau. 1869. *pp. 58.* 8⁰. *Montpellier*, 1870.
Compte-rendu trav. Congrès Sci. France, Montpellier, 1868. Sess. xxv, tom. i, 1872.

WESTPHALIA. [*Maps.*]
See Rhine : *Province.* [*Maps.*]

WESTPREUSSISCHER BOTANISCH-ZOOLOGISCHER VEREIN. *See* Dantzig.

WESTPREUSSISCHES PROVINZIAL-MUSEUM. *See* Dantzig.

WESTRING (Johan Peter) [1753-1833] Dissertatio medica de Ledo palustri, quam . . . præside . . . C. à Linné . . . submittit auctor, *&c. pp. 18.* 4⁰. *Upsaliæ* [1775].

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. viii, no. 167. 8⁰. 1785.

Westring (J. P.) Svenska lafvarnas Färghistoria, eller sättet att använda dem till färgning och annan hushållsyntta. Bd. i.† *pp. xv, 32, 338, 23, 11, vii, i* [*i*] : *24 pls. col.* 8⁰. *Stockholm*, 1805 [-09].
Issued in eight parts.

WESTRING (Nicolao) [1795-1882] Araneæ Svecicæ descriptæ. *pp. 614* [*1*]. 8⁰. *Gothoburgi*, 1862.

WESTRING (Petrus Christoph.) Museum naturalium Academiæ Upsaliensis, cujus Append. xxii. . . . proponit P. C. Westring, *&c. See* Thunberg (C. P.) 4⁰. [1814.]

WESTROPP (Hodder M.) [-1884] A Manual of Precious Stones and antique Gems. *pp. xvi, 165 : 1 pl., text illust.* 8⁰. *London*, 1874.

WESTRUMB (Johann Friedrich) [1751-1819] [Kleine physikalisch-chemische Abhandlungen. Bd. i-vi, hft. 1.† 8⁰. *Leipzig & Hannover*, 1785-1800.]
Wanting.
The dates of issue of the parts were as follows :—Bd. i, hft. 1, *pp. 156*, 1785, hft. 2, *pp. 230*, 1786 ; Bd. ii, hft. 1, *pp. 360*, 1787, hft. 2, *pp. 298*, 1788 ; Bd. iii, hft. 1, *pp. 470*, 1789, hft. 2. *pp. 335*, 1793 ; Bd. iv, hft. 1, *pp. 438*, 1793, hft. 2, *pp. 192*, 1795 ; Bd. v, hft. 1, *pp. 159* & 2, *pp. 87*, 1795 ; Bd. vi, hft. 1, *pp. 260*, 1800. (Götting. Anz. 1786, i, p. 484 ; 1787, i, p. 206 ; 1788, i, p. 316, iii, p. 1579 ; 1791, iii, p. 1405 ; 1793, ii, pp. 762 & 765, iii, p. 1683 ; 1795, iii, p. 1502 ; 1797, iii, pp. 1742 & 1744 ; 1800, i, p. 78.)
Bd. iv-vi are also styled "Chemische Abhandlungen," Bd. i-iii.

—— [Another edition entitled :] Kleine physikalisch-chemische Schriften. Bd. i-v.† 8⁰. *Leipzig*, 1799.
Bd. i-iv are a reprint (or re-issue) of Bd. i-iii, hft. 1 of the preceding. Bd. v is a re-issue of the "Kleine phys.-chem. Abhandlungen aus den chemischen Journalen gesammelt," *pp. 248*, originally issued at Leipzig in 1788. (Götting. Anz. 1788, iii, p. 1816.)

WESTWOOD (John Obadiah) [1805-1893] Illustrations of Exotic Entomology . . . a new edition . . . with the systematic characters of each species, synonyms, indexes . . . By J. O. Westwood. 3 Vol. *See* Drury (D.) 4⁰. 1837.

Westwood (J. O.) The Entomologist's text book ; an introduction to the natural history . . . and classification of Insects, including the Crustacea and Arachnida. *pp. x, 432 : 4 pls. col., text illust.* 8⁰. *London*, 1838.

Westwood (J. O.) [Insects from the Himalayas.] *See* Royle (J. F.) Illustrations of the . . . Natural History of the Himalayan Mountains, *&c.* Vol. i. 4⁰. 1839.

Westwood (J. O.) An introduction to the modern Classification of Insects ; founded on the natural habits and corresponding organisation of the different families. (Synopsis of the genera of British Insects.) 2 Vol. *illust.* 8⁰. *London*, 1839-40.

Westwood (J. O.) Articulated animals. *See* Cuvier (G. L. C. F. D.) *Baron.* Cuvier's Animal Kingdom. 8⁰. 1840.

—— —— With . . . additions by . . . J. O. Westwood. 8⁰. [1849].

Westwood (J. O.) The Aurelian, a Natural History of English Moths and Butterflies . . . New edition with . . . additional observations . . . By J. O. Westwood. *See* HARRIS (M.) 4⁰. 1840.

Westwood (J. O.) A Treatise on Insects injurious to gardeners, foresters, & farmers. With notes, by J. O. Westwood. *See* KOLLAR (V.) 8⁰. 1840.

Westwood (J. O.) Arcana Entomologica ; or illustrations of new, rare, and interesting Insects. 2 Vol. *illust. col.* 8⁰. *London*, [1841–] 1845.

Westwood (J. O.) A Catalogue of Hemiptera, in the collection of . . . F. W. Hope . . . With . . . Latin descriptions of the new species, by J. O. Westwood. 2 Pt. *See* HOPE (F. W.) 4⁰. 1837, 42.
Westwood's name was omitted from the title-page to the first part.

Westwood (J. O.) Natural history of the Insects of China . . . a new edition . . . with . . . additional matter, by J. O. Westwood. *See* DONOVAN (E.) 4⁰. 1842.

Westwood (J. O.) Natural history of the Insects of India . . . a new edition . . . with . . . additional matter, by J. O. Westwood. *See* DONOVAN (E.) 4⁰. 1842.

Westwood (J. O.) Introductory observations [on fossil Insects]. *See* BRODIE (P. B.) A History of the Fossil Insects, *&c.* 8⁰. 1845.

Westwood (J. O.) The cabinet of Oriental Entomology ; being a selection of some of the rarer and more beautiful species of Insects, natives of India and the adjacent Islands, the greater portion of which are now for the first time described and figured. *pp. 2, 88 : 42 pls. col.* 4⁰. *London*, [1847–] 1848.
This copy was formerly the property of the author and bears his autograph and a few manuscript notes.

Westwood (J. O.) The Florists' Guide . . . Conducted by W. P. Ayres & T. Moore, assisted . . . in Entomology by J. O. Westwood, *&c.* *See* AYRES (W. P.) & MOORE (T.) 4⁰. 1850.

Westwood (J. O.) Index Entomologicus . . . A new . . . edition, with supplement . . . By J. O. Westwood. *See* WOOD (W.) 4⁰. 1854.

Westwood (J. O.) The Butterflies of Great Britain, with transformations, delineated and described. *pp. xl, 140 : 21 pls. (col.), engr. col. title.* 4⁰. *London*, 1855.
This is a second edition of the text to Humphreys & Westwood's "British Butterflies," *&c.*, 1841, with new plates by Westwood.

Westwood (J. O.) Catalogue of Orthopterous Insects in the . . . British Museum. Pt. I.† Phasmidæ. *See* BRITISH MUSEUM (NATURAL HISTORY).—*Zoology.* [*Orthoptera.*] 4⁰. 1859.

Westwood (J. O.) Thesaurus Entomologicus Oxoniensis ; or illustrations of new, rare, and interesting Insects, for the most part contained in the collections presented to the University of Oxford by . . . F. W. Hope. *pp. xxiv, 205 : 40 pls. (col.)* 4⁰. *Oxford*, 1874.

Westwood (J. O.) [Entomology of Matabele Land.] *See* OATES (F.) Matabele Land, *&c.* Appendix IV. 8⁰. 1881.

—— Second edition. 8⁰. 1889.

Westwood (J. O.) Revisio Insectorum familiæ Mantidarum, speciebus novis aut minus cognitis descriptis et delineatis. *pp. 53, iii : 14 pls.* fol. *London*, 1889.
Printed mostly in double column.

Westwood (J. O.) & **Bate** (C. S.) A History of the British sessile-eyed Crustacea. 2 Vol. *See* BATE (C. S.) & WESTWOOD (J. O.) 8⁰. [1861–] 1863–68.
Issued in 23 parts, for the dates of publication of which *See* Report on the Scientific Results of the Voyage of H.M.S. Challenger, Pt. LXVII (Vol. XXIX) Amphipoda, pp. 328, 340, 343 & 372.

Westwood (J. O.) & **Doubleday** (E.) The genera of Diurnal Lepidoptera, *&c.* 2 Vol. *See* DOUBLEDAY (E.) & WESTWOOD (J. O.) fol. 1846–52.

Westwood (J. O.) & **Humphreys** (H. N.) British Butterflies and their transformations, *&c.* *See* HUMPHREYS (H. N.) & WESTWOOD (J. O.) 4⁰. 1841.
For a new edition of the text with plates by Westwood, *See* WESTWOOD (J. O.) The Butterflies of Great Britain, *&c.* 4⁰. 1855.

Westwood (J. O.) & **Humphreys** (H. N.) [British Moths and their transformations, *&c.* 2 Vol. *See* HUMPHREYS (H. N.) & WESTWOOD (J. O.) 4⁰. 1843–45.]
Wanting.

—— [Another edition.] 4⁰. 1851.

WESTWOOD (THOMAS) [–1888] & **Satchell** (T.) Bibliotheca Piscatoria. A catalogue of books on angling, the fisheries and fish-culture, with bibliographical notes and an appendix, *&c.* *pp. xxiv, 397.* 8⁰. *London*, 1883.

WETHERBY (A. G.) & **Harper** (G. W.) Catalogue of the Land and Fresh Water Mollusca, found in the immediate vicinity of Cincinnati, O. *See* HARPER (G. W.) & WETHERBY (A. G.) 8⁰. 1876.

WETHERELL (ERNEST WILLIAM) [1869–] [For official reports as Inspector of Mines and State Geologist] *See* MYSORE.—*Mysore Geological Department.*

WETHERELL (NATHANIEL THOMAS) [1800–1875] On some peculiar markings on the broken surfaces of Flints. *pp. 4 : 1 pl.* 8⁰. *London*, 1859.
Proc. Geol. Assoc. Vol. I.

WETTER (JOANNES JOACHIM) Erinacei Europæi anatome. Dissertatio, *&c.* *pp. 100 : 4 pls.* 8⁰. *Gottingæ*, 1818.

WETTERAUISCHE GESELLSCHAFT FUER DIE GESAMMTE NATURKUNDE.
See HANAU.

WETTERLING (JOHANNES) Horti Upsaliensis Plantæ cultæ 1780–1800, quarum part. III . . . sistit J. Wetterling, *&c.* *See* THUNBERG (C. P.) 4⁰. [1803.]

WETTERWALD (XAVER) Blatt- und Sprossbildung bei Euphorbien und Cacteen. *pp. 64 : 5 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LIII, no. 4. 4⁰. 1889.

WETTSTEIN (ALEXANDER) [1861?–1887] Ueber die Fischfauna des Tertiären Glarnerschiefers. *See* SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT. Abhandlungen, *&c.* (Vol. XIII.) 4⁰. 1886.

WETTSTEIN (RICHARD VON) [1863–] *See* OESTERREICHISCHE BOTANISCHE ZEITSCHRIFT . . . Redigirt von R. Ritter von Wettstein. Jahrg. XXXIX→ 8⁰. 1889→

Wettstein (R. VON) [For descriptions of several families of Plants] *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. IV, abth. 3ᵇ. 8⁰. 1891–1895.

Wettstein (R. VON) Beitrag zur Flora Albaniens. *pp. 16 : 2 pls.* *See* BIBLIOTHECA BOTANICA. Abhandlungen, *&c.* Hft. 26. 4⁰. 1892.

Wettstein (R. von) Monographie der Gattung *Euphrasia*. *pp. 316 : 14 pls., 4 maps col.* 4⁰. *Leipzig*, 1896.
Arbeit. Bot. Inst. k. k. Deutsch. Univ. Prag. No. IX.

Wettstein (R. von) Grundzüge der geographisch-morphologischen Methode der Pflanzensystematik. *pp. 64 : 7 maps (col.), text illust.* 8⁰. *Jena*, 1898.

Wettstein (R. von) Handbuch der systematischen Botanik. 2 Bd. [in 1] *illust.* 8⁰. *Leipzig & Wien*, 1901-08.

Wettstein (R. von) Schedæ ad Floram exsiccatam Austro-Hungaricam . . editore R. de Wettstein. [Pt.] x—> *See* Vienna. — Kaiserlich-koenigliche Universitaet. 8⁰. 1913—>

WEVER (Johannes Theodorus) Phytologiæ, seu physices Plantarum specimen II . . . respondens J. T. Wever, *&c.* *See* Schilling (J. J.) 4⁰. 1752.

WEYBERG (Sigismund) *See* Veïbergh.

WEYDING (August) Beiträge zur Schmetterlingskunde von . . A. Weyding. 5te Lief. *See* Maassen (J. P.) fol. 1885.

WEYENBERGH (Hendrik) [1842-1885] *Hypostomus plecostomus*, Val. Mémoire anatomique pour servir à l'histoire naturelle des Loricaires. *pp. v, 116 : 9 pls.* 4⁰. *Córdoba & Leipzig*, 1876.

Weyenbergh (H.) Algunos nuevos Pescados del Museo Nacional y algunas noticias ictiológicas. *pp. 21 [2] : 4 pls.* 4⁰. *Buenos Aires*, 1877.

Weyenbergh (H.) & **Hoffmann** (C. K.) Die Osteologie und Myologie von *Sciurus vulgaris*, L., verglichen mit der Anatomie der Lemuriden und des *Chiromys*, *&c.* *pp. 136 : 4 pls.* *See* Haarlem.—Hollandsche Maatschappij der Wetenschappen. Natuurkundige Verhandelingen, *&c.* Verz. III, deel I. 4⁰. 1870.

WEYHE (M. F.) & **others.** Plantæ officinales (medicinales). Oder Sammlung officineller Pflanzen. Mit lithographirten Abbildungen von A. Henry und Beschreibungen von M. F. Weyhe . . . J. W. Wolter . . . und P. W. Funke . . . Fortgesetzt von . . . T. F. L. Nees von Esenbeck. (—Supplement Bd. :—Icones Plantarum Medicinalium . . . Mit . . . Beschreibungen von . . . T. F. L. Nees v. Esenbeck.) 3 Bd. [in 2.] Atlas, *432 (& 112) pls. col.* fol. *Düsseldorf*, 1828-33.

WEYMAYR (Thassilo) Die Gefässpflanzen der Umgebung von Graz. *pp. 49.* 4⁰. *Graz* [1867].
Program. Gymn. Graz. 1867.

——. Nachträge . . . (zum Theil nach Dr. Maly's Nachlasse und gefälligen Mittheilungen heimischer Pflanzenfreunde). [4⁰. *Graz*, 1868 ?]
Program. Gymn. Graz. [1868 ?] *pp. 27-29.*

WEYMER (Gustav) Lepidopteren gesammelt auf einer Reise durch Colombia, Ecuador, Perú, Brasilien, Argentinien, und Bolivien in . . . 1868-77 . . . Bearbeitet [with descriptions of Rhopalocera] von G. Weymer, *&c.* *See* Stuebel (M. A.) 4⁰. 1890.

WEYMOUTH (Frank Walter) Synopsis of the true Crabs (Brachyura) of Monterey Bay, California. *pp. 64 : 14 pls., text illust.* *See* Stanford University, *California.—Leland Stanford Junior University.* Leland Stanford Junior University Publications: University Series. No. 4.
8⁰. *Stanford University, California*, 1910.

Weymouth (F. W.) & **Richardson** (C. H.) Observations on the habits of the crustacean *Emerita analoga*. *pp. 13 : 1 pl., text illust.* *See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. LIX, no. 7. 8⁰. 1912.

WEYMOUTH (George) *See* Waymouth.

WHALE. The adventures of the great Whale, whose skeleton is now on exhibition. Written by himself. *pp. 16.* 12⁰. *Birmingham*, 1834.

Whale. History of the great Whale, captured near Havre and landed near Langston Harbour, 20th November 1869, the skeleton of which is now exhibiting at . . . Greenwich, *&c.* *pp. 8.* 8⁰. *Portsmouth*, 1873.

Whale. A full account of the capture of the monster royal Whale (female Rorqual. *Balanoptera*), *&c.* (Occurrence of the common Rorqual, or Finner, in the Humber. J. Cordeaux.) *pp. 16.* 8⁰. *Leeds*, 1892.

WHALE (William) Egham Wild Flowers. *pp. 40.* 8⁰. *Egham* [1875 ?].

WHALLEY (Thomas) & **Sons.** A Catalogue of Flower Roots, Plants, Seeds, Shrubs, Fruit and Forest Trees, sold and cultivated by T. Whalley & Sons . . . Liverpool and . . . near Ormskirk. *pp. 111.* 8⁰. *Liverpool*, 1814.

WHARTON (Henry Thornton) [1846-1895] A List of British Birds. The genera arranged according to Sundevall's method. The nomenclature revised by H. T. Wharton. *pp. iv, 20.* 8⁰. *London*, 1877.

Wharton (H. T.) The Flora of Hampstead. *See* Lobley (J. L.) Hampstead Hill, *&c.* 8⁰. 1889.

Wharton (H. T.) The Flora of Vesuvius. [Revised by H. T. Wharton.] *See* Lobley (J. L.) Mount Vesuvius, *&c.* 8⁰. 1889.

WHARTON (*Sir* William James Lloyd) *K.C.B.* [1843-1905] Hints to Travellers . . . Edited . . . by . . . W. J. L. Wharton . . . Sixth edition, *&c.* *See* Royal Geographical Society. 8⁰. 1889.

—— Seventh edition, *&c.* 8⁰. 1893.

Wharton (*Sir* W. J. L.) *K.C.B.* Capt. Cook's Journal during his first voyage round the World made in H.M. Bark "Endeavour" 1768-71 . . . with notes and introduction. Edited by Capt. W. J. L. Wharton, *&c.* *See* Cook (J.) 8⁰. 1893.

WHEAT. Das Weizenkorn und seine Keimung [by R. Knobbe], *&c.* *pp. 17.* 4⁰. [*Königsberg*, 1871.]

WHEAT (Alfred W.) [For official reports in connection with the Survey.] *See* Ohio, *State of.—Geological Survey.*

WHEATCROFT (William G.) The Botany of the Bath district. *See* Morris (J. W.) Handbook to Bath, *&c.* 8⁰. 1888.

—— [Another issue.] *pp. 14.* 8⁰. *Bath*, 1888.

WHEATLEY (Charles M.) Catalogue of the Shells of the United States, with their localities. (Second edition.) *pp. [i,] 35.* 8⁰. *New York*, 1845.
The first edition appeared in 1842.

WHEATON (John M.) [1841 ?-1887] Report on the Birds of Ohio. *See* Ohio, *State of.—Geological Survey.* Report, *&c.* Vol. IV, pt. I, sect. 2. 8⁰. 1882.

WHEELDON (J. P.) Freshwater Fishing in Great Britain other than Trout or Salmon. *See* LONDON.—*—Great International Fisheries Exhibition, 1883.* The Fisheries Literature. Vol. III, no. 5. 8⁰. 1883.

WHEELER (CHARLES FAY) [1842-1910] & **Smith** (E. F.) Catalogue of the Phænogamous and Vascular Cryptogamous Plants of Michigan, *&c. pp. 105 : 1 map.* 8⁰. *Lansing*, 1881.

WHEELER (CHARLES GILBERT) [1836-1912] An elementary Guide to Determinative Mineralogy . . . Based upon the method of Weisbach's "Tabellen zur Bestimmung der Mineralien," *&c. pp. 72.* 8⁰. *Chicago*, 1881.

WHEELER (*Sir* GEORGE) [1650-1724] Some Plants observed . . . in his Voyage to Greece and Asia Minor. *See* RAY (J.) A collection of . . . Travels and Voyages, *&c.* Tom. II. 8⁰. 1693.

—— Second edition, *&c.* 8⁰. 1738.

WHEELER (GEORGE DOMVILE CHETWYND) The Butterflies of Switzerland and the Alps of Central Europe. *pp. vi, 162.* 8⁰. *London*, 1903.

WHEELER (GEORGE MONTAGUE) [1842-] [For reports as Head of the Survey] *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.*

WHEELER (HERBERT A.) Clay Deposits [of Missouri]. *See* MISSOURI, *State of.—Bureau of Geology and Mines.* [Publications.] Vol. XI. 8⁰. 1896.

WHEELER (JAMES LOWE) [fl. 1821-1870] Catalogus rationalis Plantarum Medicinalium in Horto Societatis Pharmaceuticæ Londinensis . . . cultarum. *See* SOCIETY OF APOTHECARIES OF LONDON. 8⁰. 1830.

WHEELER (JAMES TALBOYS) [1824-1897] Handbook to the Cotton cultivation in the Madras Presidency, *&c. See* MADRAS, *Presidency.* 4⁰. 1862.

Wheeler (JAMES T.) Cotton Map of the Madras Presidency . . . to illustrate the Handbook . . . by J. T. Wheeler. Scale 24 m. = 1 in. Compiled by D. Ross. *See* MADRAS, *Presidency.* [*Map.*] s.sh. *col.* 1862.

WHEELER (WILLIAM MORTON) *See* ZOÖLOGICAL BULLETIN. Edited by . . . W. M. Wheeler, *&c.* Vol. I & II.† 8⁰. 1897-99.

Wheeler (W. M.) Ants : their structure, development and behavior. *pp. xxv, 663 : 1 pl., text illust.* 8⁰. *New York*, 1910.

Columbia University Biological Series. No. IX.

Wheeler (W. M.) & **Melander** (A. L.) [Empidæ of Central America.] *See* GODMAN (F. D.) & SALVIN (O.) Biologia Centrali-Americana, *&c.* Zoology. Diptera. Vol. I, Supplement. 4⁰. 1901.

WHEELWRIGHT (HORACE WILLIAM) Comparativ förteckning på Skandinaviens och Storbrittanniens Fåglar.—Comparative list of the Birds of Scandinavia and Great Britain. *pp. 12.* 4⁰. *Carlstad*, 1852.

The Latin names of the Birds with the Swedish and English equivalents are printed in parallel columns. "The arrangement in families is British."

—— [Another edition.] *pp. 18.* 4⁰. *Carlstad*, 1859.

In this edition the classification adopted is that of Nilsson. The author's name does not appear in the work.

Wheelwright (H. W.) Bush wanderings of a Naturalist . . By an Old Bushman [*i.e.* H. W. Wheelwright]. *See* AUSTRALIA FELIX. 8⁰. 1861.

Wheelwright (H. W.) A spring and summer in Lapland . . . By an Old Bushman [*i.e.* H. W. Wheelwright]. *See* LAPLAND. 8⁰. 1864.

—— Second edition, *&c.* 8⁰. 1871.

Wheelwright (H. W.) Ten years in Sweden . . . By an Old Bushman [*i.e.* H. W. Wheelwright]. *See* SWEDEN. 8⁰. 1865.

WHELDON (JAMES ALFRED) [1862-] The York Catalogue of British Mosses. *pp. 16.* 8⁰. *York* [1889].

Wheldon (J. A.) [Lichens of the Isle of Wight]. *See* MOREY (F.) A Guide to the Natural History of the Isle of Wight, *&c.* 8⁰. 1909.

Wheldon (J. A.) & **Wilson** (A.) The Flora of West Lancashire : (Vice-County 60 of "Watson's Topographical Botany,"—the portion of Lancashire north of the Ribble and south of Morecambe Bay). *pp. [iii,] 511 : 15 pls., 1 map (col.)* 8⁰. *Eastbourne*, 1907.

WHERRY (WILLIAM B.) Some observations on the Biology of the Cholera *Spirillum. pp. 35 : 7 pls. See* PHILIPPINE ISLANDS.—*Science Bureau.* [Bulletin.] No. 19. 8⁰. 1905.

WHETHAM (JOHN WHETHAM BODDHAM) [1843-] Roraima and British Guiana, with a glance at Bermuda, the West Indies, and the Spanish Main. *pp. xiii, 363 : 1 pl., 1 map, title-page illust.* 8⁰. *London*, 1879.

WHETZEL (HERBERT HICE) & **Rosenbaum** (J.) The Diseases of Ginseng and their control. *pp. 44 : 12 pls. (printed back to back). See* UNITED STATES.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 250. 8⁰. 1912.

WHEWELL (WILLIAM) [1794-1866] An Essay on Mineralogical Classification and Nomenclature; with Tables of the orders and species of Minerals. *pp. xxxii, 71.* 8⁰. *Cambridge*, 1828.

Whewell (W.) Astronomy and General Physics considered with reference to Natural Theology. *pp. xv, 381.* 8⁰. *London*, 1834.

Bridgewater Treatise III.

Whewell (W.) [History of the Inductive Sciences, from the earliest to the present time. 3 Vol. 8⁰. *London*, 1837.]

Wanting.

—— Third edition, *&c.* 3 Vol. 8⁰. *London*, 1857.

Whewell (W.) The Philosophy of the Inductive Sciences, founded upon their history. 2 Vol. 8⁰. *London*, 1840.

WHIDBORNE (GEORGE FERRIS) [1846-1910] A Monograph of the Devonian fauna of the south of England, *&c.* 3 Vol. *illust. See* PALÆONTOGRAPHICAL SOCIETY. 4⁰. 1889-1907.

WHIPPLE (AMIEL WEEKS) Extracts from the . . . report of explorations near the thirty-fifth parallel, *&c.* —Report of explorations . . . near the thirty-fifth parallel, *&c. See* UNITED STATES.—*Pacific Railroad Survey.* Reports, *&c.* Vol. III, IV & X. 4⁰. 1856.

WHISTLING (CHRISTIAN GOTTFRIED) [1757-1807] Oekonomische Pflanzenkunde . . . nach dem System des Gebrauchs mit Linnéischen Kennzeichen geordnet. 4 Thl. 8⁰. *Leipzig*, 1805-07.

WHISTON (WILLIAM) [1667-1752] An examination of . . . Mr. Whiston's New Theory of the Earth. *See* KEILL (J.) 8⁰. 1698.

The "New Theory" was published in 1696.

Whiston (W.) A Vindication of the New Theory of the Earth from the exceptions of Mr. Keill and others, *&c. pp.* [*10,*] *52.* 8⁰. *London*, 1698.

WHITAKER (J.) & **Sterland** (W. J.) Descriptive List of the Birds of Nottinghamshire. *See* STERLAND (W. J.) & WHITAKER (J.) 8⁰. 1879.

WHITAKER (JOSEPH I. S.) The Birds of Tunisia: being a history of the Birds found in the Regency of Tunis. 2 Vol. *illust.* (*col.*) 8⁰. [*London,*] 1905.

WHITAKER (WILLIAM) [1836–] List of works on the Geology, Mineralogy, and Palæontology of Devonshire. (Supplemental List, *&c. pp. 12.*) 8⁰. [*Plymouth*, 1871, 72.]

Trans. Devon. Assoc. Vol. IV, *pp. 330–352*; V, *pp. 404–415.*

Whitaker (W.) The Geology of the London Basin. Pt. I. The Chalk and the Eocene beds of the southern and western tracts. *See* GREAT BRITAIN & IRELAND. —*Geological Survey.* Memoirs, *&c.* Vol. IV, pt. 1. 8⁰. 1872.

Whitaker (W.) List of Works on the Geology, Mineralogy, and Palæontology of the Hampshire Basin. 8⁰. [*Winchester,*] 1873.

Journ. Proceed. Winchester & Hamps. Sci. & Lit. Soc. 1873, *pp. 108–127.*

Whitaker (W.) Guide to the Geology of London and the neighbourhood, *&c. See* GREAT BRITAIN & IRELAND.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] 8⁰. 1875.

—— Second edition. 8⁰. 1875.

—— Third edition. 8⁰. 1880.

—— Fourth edition. 8⁰. 1884.

—— Fifth edition. 8⁰. 1889.

—— Sixth edition. 8⁰. 1901.

Whitaker (W.) List of Works on the Geology, &c., of Cornwall. 8⁰. *Truro*, 1875.

Journ. Roy. Inst. Cornwall. No. XVI, *pp. 61–110.*

Whitaker (W.) *See* GEOLOGICAL RECORD, *The.* Edited by W. Whitaker, *&c.* 1874–79. 8⁰. 1875–87.

Whitaker (W.) List of Works on the Geology, Mineralogy & Palæontology of Cheshire. 8⁰. *Liverpool*, 1876.

Proc. Liverpool Geol. Soc. 1875–76, *pp. 127–147.*

Whitaker (W.) List of works on the Geology, Mineralogy, and Palæontology of Wales (to the end of 1873). *pp. 40.* 8⁰. [*London*, 1880.]

Rept. Brit. Assoc. 1880 (1880).

Whitaker (W.) A List of Works relating to the Geology of Cumberland and Westmorland. *pp. 27.* 8⁰. [*Carlisle*, 1882.]

Trans. Cumberland Assoc. Lit. & Sci. Pt. VII.

Whitaker (W.) On the area of Chalk as a source of Water Supply, *&c. pp. 12.* 8⁰. [*London*, 1884.]

Whitaker (W.) List of works on the Geology, Mineralogy, and Palæontology of Staffordshire, Worcestershire, and Warwickshire. 8⁰. [*London*, 1886.]

Rept. Brit. Assoc. 1885 (1886), *pp. 780–813.*

Whitaker (W.) List of Works on the Geology, Mineralogy, Mining, and Palæontology of Derbyshire. *See* GREAT BRITAIN & IRELAND.—*Geological Survey. —England & Wales.* [*Topographical Memoirs.*] The Geology of the Carboniferous Limestone . . . of north Derbyshire . . . Second edition, *&c.* 8⁰. 1887.

Whitaker (W.) The Geology of London and of part of the Thames Valley. 2 Vol. *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] 8⁰. 1889.

Whitaker (W.) List of Works on the Geology, Mineralogy, and Palæontology of Shropshire. 1712–1873, by W. Whitaker . . . 1873–1887, by W. W. Watts. 8⁰. *Oswestry*, 1889.

Trans. Shropsh. Archæol. & Nat. Hist. Soc. Vol. XII (Ser. II, vol. I), *pp. 33–62.*

Whitaker (W.) On Maps showing the area of Chalk available for Water Supply in the London basin. 8⁰. *London* [1893].

Trans. Sanitary Inst. Vol. XIII, *pp. 243–253.*

Whitaker (W.) Chemistry, Meteorology, and Geology. Address, *&c.* 8⁰. *London* [1897].

Journ. Sanitary Inst. Vol. XVIII, *pp. 304–16.*

Whitaker (W.) Some Middlesex Well Sections. *pp. 35.* 8⁰. [*London*, 1897.]

Trans. Brit. Assoc. Waterworks Engineers, 1897.

Whitaker (W.) [For contributions to the Geology of Woolwich and West Kent, and for Chronological List of Works on the Geology of the district.] *See* SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. A Survey and Record of Woolwich and West Kent, *&c.* 8⁰. 1909.

Whitaker (W.) [For official publications in connection with Memoirs illustrating the Map] *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—England & Wales.*

Whitaker (W.) & **Reid** (C.) The water supply of Sussex from underground sources. *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—England & Wales.* [*Miscellaneous Memoirs.*] 8⁰. 1899.

Whitaker (W.) & **Woodward** (H. B.) Chronological List of Books, Papers, &c., on the Geology, Mineralogy, Palæontology, &c., of Gloucestershire and Somersetshire. *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] Geology of East Somerset and the Bristol Coalfields, *&c.* 8⁰. 1876.

WHITBY LITERARY & PHILOSOPHICAL SOCIETY. [Founded 1823.]
The . . . Report of the . . . Society, *&c.* No. 32, 33, 61, 62, 63, 64, 65. 8⁰. *Whitby*, 1854 [–88].

Whitby Literary and Philosophical Society. Upper Liassic Reptilia. Part II. The Sauropterygia of the Whitby Museum. By D. M. S. Watson. *pp. 13: text illust. See* MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY. Memoirs, *&c.* Vol. LIV, no. 11. 8⁰. 1910.

Whitby Literary and Philosophical Society. Geology of the Whitby District. Report of a lecture delivered before the . . . Society. *See* SIMPSON (M.) 8⁰. [ ]

WHITBY MUSEUM.
See WHITBY LITERARY AND PHILOSOPHICAL SOCIETY.

WHITCHER (W. F.) Practical results of Fishculture in the Dominion of Canada. *pp. 5.* 8⁰. [*Helsingfors, reprinted,*] 1884.

"Forest and Stream," June 21, 1883. p. 408.

WHITE (A. E. HOLT-) *See* HOLT-WHITE.

WHITE (ADAM) [1817–1879] Notes on some Insects from King George's Sound, *&c. See* GREY (*Sir* G.) Journals of two expeditions . . . in north-west and western Australia, *&c.* Vol. II. Appendix F. 8⁰. 1841.

White (A.) Description & figures of four new species of Australian Insects. *See* EYRE (E. J.) Journals of expeditions of discovery into Central Australia, *&c.* Vol. I. Appendix. 8⁰. 1845.

White (A.) Descriptions of new . . . species of Coleoptera from Australia. *See* STOKES (J. L.) Discoveries in Australia, *&c.* Vol. I. Appendix. 8⁰. 1846.

White (A.) Insects [collected during the voyage]. *See* RICHARDSON (*Sir* J.) & GRAY (J. E.) The Zoology of the voyage of H.M.S. Erebus & Terror . . . during 1839–43, *&c.* Vol. II. 4⁰. 1846.

White (A.) List of Annulosa (principally Insects) [with descriptions of the new species] found on the journey of H. H. Methuen, Esq. *See* METHUEN (H. H.) Life in the Wilderness, *&c.* 8⁰. 1846.

White (A.) Descriptions of . . . new . . . Crustacea. *See* JUKES (J. B.) Narrative of the Surveying Voyage of H.M.S. Fly, *&c.* Vol. II. Append. VIII. 8⁰. 1847.

White (A.) List of . . . Crustacea in the . . . British Museum. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Crustacea.*] 12⁰. 1847.

White (A.) Nomenclature of Coleopterous Insects in the . . . British Museum. Pt. 1–4, 7, 8. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Coleoptera.*] 12⁰. 1847–55.

White (A.) Descriptions of two species of Beetles brought from Borneo. *See* LOW (H.) Sarawak, *&c.* Appendix II. 8⁰. 1848.

White (A.) [British] Crustacea. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. 4. 12⁰. 1850.

White (A.) Four short letters; . . . on the subject of an Open Museum in the Scottish Capital, *&c.* *pp. 16.* 8⁰. *Edinburgh & London* (1850).

White (A.) A popular history of Mammalia; comprising a familiar account of their classification and habits. *pp. viii, 346* [*3,*] *14 : 16 pls. col.* 8⁰. *London,* 1850.

White (A.) [British] Fish. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. 8. 12⁰. 1851.

White (A.) [Note on Hymenoptera in Arctic North America—List of Insects collected on the Expedition.] *See* RICHARDSON (*Sir* J.) Arctic Searching Expedition, *&c.* Vol. II. 8⁰. 1851.

White (A.) Descriptions of some . . . new species of Annulosa, *&c.* *See* MACGILLIVRAY (J.) Narrative of the Voyage of H.M.S. Rattlesnake, *&c.* Vol. II. Appendix No. VI. 8⁰. 1852.

White (A.) Descriptions of . . . Crustaceæ [*sic*] . . . and . . . Insects [from Greenland]. *See* SUTHERLAND (P. C.) Journal of a voyage in Baffin's Bay, *&c.* Vol. II. 8⁰. 1852.

White (A.) Nomenclature of [British] Neuroptera. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. XIV. 12⁰. 1853.

White (A.) Nomenclature of [British] Diptera. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. XV. 12⁰. 1853.

White (A.) A Collection of Documents on Spitzbergen & Greenland . . . Edited by A. White, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 18. 8⁰. 1855.

White (A.) Nomenclator of [British] Anoplura, Euplexoptera and Orthoptera. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*British.*] List of the . . . British Animals in the . . . Museum. Pt. XVII. 12⁰. 1855.

White (A.) A popular history of British Crustacea; comprising a familiar account of their classification and habits. *pp. xii, 358 : 20 pls. col.* 8⁰. *London,* 1857.

White (A.) [Tabular view of the orders and leading families of Insects. Engraved by J. W. Lowry. *4 pls.* 4⁰. *London,* 1857.]
Wanting. Issued by the Society for Promoting Christian Knowledge.

—— [Another edition.] 4⁰. *London* [ ].

White (A.) [Tabular view of the orders and leading families of Myriapoda, Arachnida, Crustacea (arranged by A. White), Annelida & Entozoa (by W. Baird). Engraved by J. W. Lowry. *4 pls.* 4⁰. *London,* 1861.]
Wanting. Issued by the Society for Promoting Christian Knowledge.

—— [Another edition.] 4⁰. *London* [ ].

White (A.) & **Adams** (A.) Crustacea. *See* ADAMS (A.) The Zoology of the voyage of H.M.S. Samarang . . . during 1843–46, *&c.* fol. 1848.

White (A.) & **Doubleday** (E.) List of the Annulose Animals . . . found in New Zealand, with the descriptions of some new species. *See* DIEFFENBACH (E.) Travels in New Zealand, *&c.* Vol. II. 8⁰. 1843.

White (A.) & **others.** [The Museum of Natural History, *&c.* *See* RICHARDSON (*Sir* J.) *& others.* 8⁰. 1859–62.]
Wanting.

—— [Another issue.] 4⁰. [1868.]

WHITE (CHARLES) [1728–1813] An account of the regular gradation in Man, and in different animals and vegetables; and from the former to the latter, *&c.* (Appendix. Detached passages, selected from Prof. Soemmering's Essay on the Comparative Anatomy of the Negro & European.) *pp, xii, 138* (*cxxxix-clxvi*), *139–146 : 4 pls.* 8⁰. *London,* 1799.

WHITE (CHARLES ABIATHAR) [1826–1910] Preliminary Report upon Invertebrate Fossils collected by the expeditions of 1871–73, with descriptions of new species. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* 8⁰. 1874.

White (CHARLES A.) Report upon the Invertebrate Fossils collected in portions of Nevada, Utah, Colorado, New Mexico, and Arizona, *&c.* *pp. 219 : 21 pls.* *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Vol. IV, pt. 1. 4⁰. 1875.

White (CHARLES A.) Invertebrate Palæontology of the Plateau Province, together with notice of a few species from localities beyond its limits in Colorado. *See* UNITED STATES.—*Geological and Geographical Survey of the Territories.* Report on the Geology of the eastern portion of the Uinta Mountains, *&c.* Chapter III. 4⁰. 1876.

White (CHARLES A.) Report on the Carboniferous Invertebrate Fossils of New Mexico. *pp. xxxviii : 4 pls.* *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Vol. III, Supp., Append. 4⁰. 1881.

White (Charles A.) Certain phases in the geological history of the North American continent, biologically considered. *pp. 26.* 8⁰. *Washington*, 1884.
Proc. Biol. Soc. Washington. Vol. II.

White (Charles A.) On Mesozoic Fossils. *pp. 20 : 9 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 4. 8⁰. 1884.

White (Charles A.)
On the Mesozoic and Cenozoic Paleontology of California. *pp. 33.*
On marine Eocene, fresh water Miocene, and other Fossil Mollusca of Western North America. *pp. 22 : 3 pls.*
On new Cretaceous fossils from California. *pp. 14 : 5 pls.*
See United States.—*Geological Survey.* Bulletin, *&c.* Nos. 15, 18, 22. 8⁰. 1885.

White (Charles A.) The published Writings of C. A. White, 1860–1884. *See* United States National Museum. Bulletin, *&c.* No. 30, pt. II. 8⁰. 1885.

White (Charles A.) On the fresh-water Invertebrates of the North American Jurassic. *pp. 41 : 4 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 29. 8⁰. 1886.

White (Charles A.) On the relation of the Laramie Molluscan Fauna to that of the succeeding fresh-water Eocene and other groups. *pp. 54 : 5 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 34. 8⁰. 1886.

White (Charles A.) Contribuições á Paleontologia do Brazil (com o original em Inglez). *pp. 273, v : 28 pls. See* Rio de Janeiro.—museu nacional. Archivos, *&c.* Vol. VII. 4⁰. 1887.
Portuguese and English in parallel columns.

—— [Another issue entitled:] Contributions to the Paleontology of Brazil . . . With Portuguese translation by O. A. Derby. 4⁰. [1888.]
A re-issue of the preceding with the addition of a title-page and "Announcement."

White (Charles A.) On Invertebrate Fossils from the Pacific Coast. *pp. 102 : 14 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 51. 8⁰. 1889.

White (Charles A.) A sketch of the scientific work of . . . A. H. Worthen. *See* Illinois, *State of.*—*Geological Survey.* Geology and Palæontology. Vol. VIII, Appendix. 4⁰. 1890.

White (Charles A.) The Texan Permian and its Mesozoic types of Fossils. *pp. 39 : 4 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 77. 8⁰. 1891.

White (Charles A.) Correlation papers. Cretaceous. *pp. 273 : 1 pl., 2 maps (1 col.), text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 82. 8⁰. 1891.

White (Charles A.) The Bear River formation and its characteristic fauna. *pp. 108 : 10 pls., 1 map. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 128. 8⁰. 1895.

White (Charles A.)
[For official publications as State Geologist] *See* Iowa, *State of.*—*Geological Survey.*
[For reports in connection with the Survey] *See* United States.—*Geological and Geographical Survey of the Territories.*

White (Charles A.) & **Nicholson** (H. A.) Bibliography of North American Invertebrate Paleontology . . . including the West Indies and Greenland. *See* United States.—*Geological and Geographical Survey of the Territories.* Miscellaneous Publications, No. 10. 8⁰. 1878.
A supplement was published in the "Bulletin" of the same Survey, Vol. V, no. 1, 1879 (1880).

White (Charles A.) & **St. John** (O. H.) Preliminary notice of new genera and species of Fossils. *See* Iowa, *State of.*—*Geological Survey.* 8⁰. (1867.)

WHITE (Charles David) [1862–] Flora of the outlying Carboniferous basins of southwestern Missouri. *pp. 139 : 5 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 98. 8⁰. 1893.

White (Charles D.) Fossil Flora of the Lower Coal Measures of Missouri. *pp. xi, 467 : 73 pls. See* United States.—*Geological Survey.* Monographs, *&c.* Vol. XXXVII. 4⁰. 1899.

White (Charles D.) The Fossil Flora of West Virginia. *See* West Virginia, *State of.*—*Geological Survey.* West Virginia Geological Survey. Vol. V (A), pt. 2. 8⁰. [1913.]

White (Charles D.) Resins in Paleozoic Plants and in Coals of high rank. *See* United States.—*Geological Survey.* Professional Paper 85 E. 4⁰. 1914.

White (Charles D.) & **Girty** (G. H.) The Arkansas Coal Field . . . with Reports on the Paleontology, *&c. pp. 158 : 5 pls., 1 map geol. col., text illust. See* United States.—*Geological Survey.* Bulletin No. 326. 8⁰. 1907.

White (Charles D.) & **Smith** (G. O.) The Geology of the Perry Basin in southeastern Maine. *pp. 107 : 5 pls., 1 map geol. col. See* United States.—*Geological Survey.* Professional Paper No. 35. 4⁰. 1905.

White (Charles D.) & **others.** Stratigraphy and Paleontology of the upper Carboniferous Rocks of the Kansas section. *pp. 123 : 4 maps, text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 211. 8⁰. 1903.

WHITE (David) *See* White (Charles D.)

WHITE (Francis Buchanan White) [1842–1894] *See* Scottish Naturalist, *The* . . . Edited by F. B. White, *&c.* Vol. I–VI. 8⁰. 1871–82.

White (F. B. W.) Report on the Pelagic Hemiptera procured during the Voyage of H.M.S. Challenger, *&c. pp. 82 : 3 pls. col. See* Great Britain & Ireland.—[*Voyages, &c.*—*Challenger Expedition.*] Report, *&c.* Zoology. Pt. XIX. (Vol. VII.) 4⁰. 1883.

White (F. B. W.) The Flora of Perthshire . . . Edited with an introduction and Life of the Author, a list of his Scientific Publications, and an appendix, by J. W. H. Trail. *pp. lix, 407 : 1 port., 1 map col.* 8⁰. *Edinburgh*, 1898.

WHITE (Gershon Franklin) The Bacteria of the Apiary, with special reference to Bee Diseases. *pp. 50. See* United States.—*Department of Agriculture.*—*Entomology Division.* [Bulletin] Technical Series, No. 14. 8⁰. 1906.

White (Gershon F.)
The Cause of American Foul Brood. *pp. 4.*
The Cause of European Foul Brood. *pp. 15 : text illust. See* United States.—*Department of Agriculture.*—*Entomology Division.* Circular No. 94 & 157. 8⁰. 1907 & 1912.

White (Gershon F.) Sacbrood, a Disease of Bees. *pp. 5. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 169. 8⁰. 1913.

White (Gershon F.) & **Phillips** (E. F.) Historical notes on the causes of Bee Diseases. *pp. 96. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 98. 8⁰. 1912.

WHITE (Gilbert) [1720–1793] The Natural History and Antiquities of Selborne, in the county of Southampton: with engravings, and an appendix. *pp. v, 468 [13] : 9 pls.* 4⁰. *London*, 1789.

There are no pages numbered 441 & 442.
Two of the plates are on the respective sub-titlepages to the two portions of the book :—"Natural History" and "Antiquities."
For lists of the very numerous subsequent editions of this work, *See* "Bibliography" by C. D. Sherborn in R. B. Sharpe's edition, 1900, Vol. II, and article on "G. White of Selborne" by W. H. Mullens (Occasional Publications, Hastings and St. Leonards Natural History Society, No. 2), 1907.
In these editions the "Naturalist's Calendar," *&c.*, is usually included; whilst the portion relating to the "Antiquities of Selborne" is frequently omitted. The first of these editions is entitled :—"The Works in Natural History of . . . G. White . . . to which are added, a Calendar and Observations, by W. Markwick," 2 Vol. 8⁰. 1802. The advertisement by the Editor is signed J. W., *i.e.* John White, the author's nephew.
A new edition in which the title is changed to :—"The Natural History of Selborne," *&c.*, appeared in 1813, 2 Vol. 8⁰., and again in 1822.

—— [Another edition.] The Natural History and Antiquities of Selborne . . . to which are added the Naturalist's Calendar [with the comparative calendar by W. Markwick (afterwards Eversfield)]; Observations on various parts of Nature (from Mr. White's MSS., with remarks by Mr. Markwick.—Observations on some passages in Mr. White's Natural History of Selborne [signed J. M., *i.e.* J. Mitford]); and Poems . . . A new edition [with a short biographical notice of the author, and an advertisement, by J. W., *i.e.* his nephew, John White], *&c. pp. x, 587 [1] : 12 pls. (col.)* 4⁰. *London*, 1813.

This is sometimes known as "Mitford's edition."
Page 527 is misprinted 257, and p. 584 as 854.
Of the 12 plates, two are on the title-pages to the two parts, and one is a tailpiece on p. ix.

—— [Another edition.] The Natural History of Selborne . . . A new edition, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1825.

A re-issue with fresh title-page of the editions of 1813 & 1822.

—— [Another edition.] The Natural History of Selborne . . . With additions by Sir W. Jardine . . . A new edition. *pp. xv, 343 : engr. title.* 8⁰. *Edinburgh*, 1829.

Constable's Miscellany. Vol. XLV.
The Calendar, *&c.*, are omitted from this edition.

—— [Another edition.] The Natural History of Selborne; Observations on various parts of Nature; and the Naturalist's Calendar . . . With Notes by Capt. T. Brown. *pp. xii, 356 : 8 pls., text illust.* 8⁰. *Edinburgh, &c.*, 1833.

British Library. Vol. I.

—— [Another edition.] The Natural History of Selborne . . . Arranged for young persons [by G. Agar-Ellis, Lady Dover, for her son Henry, afterwards 4th Viscount Clifden]. *pp. x, 316 : text illust.* 8⁰. *London*, 1833.

—— —— [Another edition.] *pp. viii, 338 : 1 pl., 1 map, text illust.* 8⁰. *London* [1860].

In this edition the name of the editor is given, but the son's title is incorrectly printed as "Clifford."

—— [Another edition.] The Natural History of Selborne, with its Antiquities; Naturalist's Calendar, *&c.* . . . A new edition, with notes by E. Blyth. *pp. xix, 418 : 1 map, text illust.* 8⁰. *London*, 1836.

—— [Another edition.] The Natural History and Antiquities of Selborne . . . With the Naturalist's Calendar . . . A new edition; with Notes by E. T. Bennett . . . and others. *pp. xxiii [i], 640 : text illust.* 8⁰. *London* (1837).

[**White** (Gilbert) The Natural History and Antiquities of Selborne, *&c.* (contd.)]

—— [Another edition.] The Natural History and Antiquities of Selborne . . . The standard edition by E. T. Bennett . . . revised with additional notes, by J. E. Harting . . . Second edition, *&c. pp. xxii, 532 : text illust.* 8⁰. *London*, 1876.

The first edition of Harting's revision appeared in 1875.

—— [Another edition.] The Natural History of Selborne; with Observations . . . and the Naturalist's Calendar . . . With additions and supplementary notes by Sir W. Jardine . . . Edited, with . . . a biographical sketch of the author . . . by E. Jesse. *pp. xxiv, 416 : 41 pls.* 8⁰. *London*, 1851.

Bohn's Illustrated Library. No. 12.

—— [Another edition.] Natural History and Antiquities of Selborne . . . With Notes by F. Buckland. A chapter on Antiquities, by Lord Selborne, and new letters, *&c. pp. xxx [i], 591 : 10 pls. (1 col.), 1 map col., text illust.* 8⁰. *London*, 1875.

—— [Another edition.] The Natural History and Antiquities of Selborne . . . Edited [with notes] by T. Bell. 2 Vol. *illust.* 8⁰. *London*, 1877.

—— [Another edition.] The Natural History & Antiquities of Selborne & a Garden Kalendar . . . Edited by R. Bowdler Sharpe . . . with an Introduction to the Garden Kalendar by . . . S. R. Hole, Dean of Rochester, *&c.* 2 Vol. *illust.* 8⁰. *London*, 1900.

Vol. II contains a "Bibliography" by C. D. Sherborn.

White (Gilbert) A Naturalist's Calendar, with observations in various branches of Natural History; extracted from the papers of . . . G. White, *&c.* [Edited with a preface by J. Aikin]. *pp. 170 [5] : 1 pl. col.* 8⁰. *London*, 1795.

Subsequent editions appeared with those of "The Natural History and Antiquities of Selborne" [*q.v.*].

White (Gilbert) Miscellaneous Observations selected from the manuscripts of . . . G. White. *See* Jesse (E.) Gleanings of Natural History. Second Series, *&c.* 8⁰. 1834.

White (Gilbert) The published Writings of G. White. *See* Newton (A.) 8⁰. 1900.

Notes and Queries. 1877.

White (Gilbert) G. White and his recent Editors. *See* Newton (A.) 8⁰. 1900.

Macmillan's Magazine.

White (Gilbert) G. White of Selborne, *&c. See* N., A. 8⁰. 1900.

Private reprint of the article in the "Dictionary of National Biography."

White (Gilbert) G. White of Selborne. A Lecture, *&c. See* Mullens (W. H.) 8⁰. 1907.

Forming No. 2 of the "Occasional Publications" issued by the Hastings and St. Leonards Natural History Society.

White (Gilbert) A Nature Calendar . . . Edited with an Introduction by W. M. Webb. *pp. xii, 62, xiii–xx.* 4⁰. *London*, 1911.

The Calendar is reproduced in facsimile.
Only 250 copies were printed, of which this is No. 33.

White (Gilbert) The Gilbert White Exhibition, February . . . 1912. *See* Selborne Society. 8⁰. [1912.]

WHITE (Henry) [1812–1880] A Catalogue of the Library of the Museum of Practical Geology and Geological Survey. *See* Museum of Practical Geology. 8⁰. 1878.

WHITE (Israel Cook) [1848-] Stratigraphy of the Bituminous Coal Field of Pennsylvania, Ohio and West Virginia. *pp. 212: 11 pls., 1 map col., text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 65. 8⁰. 1891.

White (I. C.) Map showing occurrence of Coal, Oil and Gas in West Virginia . . . Scale: one inch = eight miles. *See* West Virginia, *State of.—Geological Survey.* [*Maps.*] s.sh. (*col.*) 1904.

White (I. C.) Map of West Virginia showing Coal, Oil, Gas and Limestone areas . . . I. C. White . . . author of geologic features . . . Scale: seven miles to the inch, *&c. See* West Virginia, *State of.—Geological Survey.* [*Maps.*] s.sh. *col.* 1910.

White (I. C.)
[For official reports in connection with the Survey] *See* Pennsylvania, *State of.—Second Geological Survey.*
[For official reports as State Geologist] *See* West Virginia, *State of.—Geological Survey.*

White (I. C.) & **Fontaine** (W. M.) The Permian, or Upper Carboniferous Flora of West Virginia and S.W. Pennsylvania. *pp. ix, 143: 38 pls., 1 map. See* Pennsylvania, *State of.—Second Geological Survey.* Reports of Progress. P². 8⁰. 1880.

WHITE (J. H.) On Polystely in roots of Orchidaceæ. *pp. 20: 5 pls. See* Toronto.—University. Studies. Biological Series. No. 6. 8⁰. 1907.

WHITE (James Walter) Flora of the Bristol Coalfield. 6 Pt. *See* Bristol Naturalists' Society. Proceedings, *&c.* Vol. III-V. 8⁰. 1881-86.

—— [Another issue.] *pp. iii, 278.* 8⁰. *Bristol*, 1887.

White (James W.) The Botany of Bristol. *See* Rogers (B. M. H.) British Association . . . Handbook to Bristol, *&c.* 8⁰. 1898.

White (James W.) The Flora of Bristol . . . With introductory sketches of the topography, physical features, *&c. pp. ix, 722: 3 pls., 1 map col.* 8⁰. *Bristol & London*, 1912.

WHITE (John) *Chaplain at Gibraltar* [1727-1780] The Introduction to Fauna Calpensis (A Natural History of Gibraltar and southern Spain) . . . Edited by W. H. Mullens . . . With a Memoir . . . of the author, *&c. pp. vi, 24: 1 port., text illust.* 8⁰. *London*, 1913.

WHITE (John) *Gardener.* An Essay on the Indigenous Grasses of Ireland. *pp. xxix, 156: 2 pls. (col.)* 8⁰. *Dublin*, 1808.

WHITE (John) *Navigator.* Vivæ imagines et ritus incolarum ejus provinciæ in America, quæ Virginia appellata est . . . omnia observata, et ad vivum expressa à J. With, *&c. See* Bry (T. De), (J. T. De) & (J. I. De) [*America.* Pt. I.—*Latin.*) Admiranda narratio, *&c.* fol. 1590.

White (John) *Navigator.* [Copy of a water-colour Drawing, made about 1585 by J. White, containing the earliest known representation of the King Crab, *Limulus* (or *Xiphosura*) *polyphemus.*] [1585 ?]
An engraving from this drawing was published by the De Brys in their Grands Voyages, or America, Pt. I, pl. xiii [*q.v.*].
For a descriptive note on it by W. T. Calman, *Sc.* Science, 1908 (April), p. 669.

WHITE (John) *Publisher, Nephew of Gilbert White* [1765-1855] *See* White (G.) The Natural History and Antiquities of Selborne . . . A new edition [with a short biographical notice of the author and an advertisement, by J. W., *i.e.* J. White], *&c.* 4⁰. 1813.
J. White also edited the 8⁰. editions of 1802, 1813 & 1822, and :—
—— A new edition, *&c.* 2 Vol. 8⁰. 1825.

WHITE (John) *Surgeon General* [fl. 1788-96] Journal of a voyage to New South Wales with . . plates of non-descript Animals, Birds, Lizards, Serpents, curious Cones of Trees and other natural productions. (A Diary of Winds, *&c.*) *pp. [xv,] 299 [35]: 65 pls. col.* 4⁰. *London*, 1790.
The descriptions of the Mammals are by J. Hunter; those of the remaining animals by G. Shaw; whilst the Plants were described by Sir J. E. Smith. (*See* Note by C. D. Sherborn in "Ann. & Mag. Nat. Hist." Ser. VI, vol. VII, 1891, p. 535.)
The original drawings for some of the plates, by T. Watling, form part of the Banksian MS. No. 34.

White (John) *Surgeon General.* Systematisch-summarische Uebersicht der Neuholländischen Thiere, welche . . . A. Phillip und . . . J. White beschrieben haben. *See* Meyer (F. A. A.) Systematisch-summarische Uebersicht der neuesten zoologischen Entdeckungen in Neuholland und Afrika, *&c.* 8⁰. 1793.

WHITE (John Jay) Mammals collected by J. J. White in British East Africa. By N. Hollister. *pp. 12: 2 pls. See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. LVI, no. 2. 8⁰. 1910.

WHITE (Robert Blake) Tabular View of the Metalliferous Formations of the States of Antioquia and Cauca in the United States of Colombia, South America; shewing approximately the chronological succession of the principal groups and some of their distinctive features, with the ranges of Metals. s.sh. [ ] 1882.

WHITE (William Farren) [1833 ?-1899] Ants and their ways. With . . . a complete list of genera and species of the British Ants. *pp. xvi, 279: 1 pl., text illust.* 8⁰. *London* [1884].

White (W. F.) The Ants of Gloucestershire.—The habitats of some of the Ferns of Gloucestershire. *See* Witchell (C. A.) & Strugnell (W. B.) The Fauna and Flora of Gloucestershire. 8⁰. 1892.

WHITEAVES (Joseph Frederick) [1835-1909] On the Land and Fresh Water Mollusca inhabiting the neighbourhood of Oxford. *pp. 20.* 8⁰. *Oxford*, 1857.
Forming one of the "Ashmolean Transactions."

Whiteaves (J. F.) Report on deep-sea dredging operations in the Gulf of St. Lawrence, with notes on the present condition of the marine fisheries and oyster-beds of part of that region. *pp. 29.* 4⁰. (*Ottawa,*) 1874.

Whiteaves (J. F.) Mesozoic Fossils. Vol. I. *See* Canada.—*Geological Survey.* 8⁰. 1876-1903.

Whiteaves (J. F.) On some Marine Invertebrata from the Queen Charlotte Islands. *See* Canada.—*Geological Survey.* Report of Progress. 1878-79, B, appendix C. 8⁰. 1880.

Whiteaves (J. F.) On some Silurian and Devonian Fossils from Manitoba and the valleys of the Nelson and Churchill Rivers, *&c. See* Canada.—*Geological Survey.* Report of Progress. 1878-79, C, appendix 1. 8⁰. 1880.

Whiteaves (J. F.) List of Fresh-water Mollusca from Manitoba and the valley of the Nelson River. *See* Canada.—*Geological Survey.* Report of Progress. 1878-79, C, appendix 3. 8⁰. 1880.

Whiteaves (J. F.) List of Fossils collected . . . in Manitoba during . . . 1880.—[Mollusca from and around Lake Winnipeg and Hudson Bay]. *See* CANADA.—*Geological Survey.* Report of Progress. 1879-80, C, appendices 1 & 4. 8⁰. 1881.

Whiteaves (J. F.) Palæozoic Fossils. Vol. III. *See* CANADA.—*Geological Survey.* 8⁰. 1884-1906.

Whiteaves (J. F.) List . . . of Marine Invertebrates from Hudson's Strait, collected . . . in 1884. *See* CANADA.—*Geological Survey.* Report of Progress. 1882-84, D D, appendix 4. 8⁰. 1884 (1885).

Whiteaves (J. F.) Contributions to Canadian Palæontology, *&c.* Vol. I. *pp. 436 : 50 pls. See* CANADA.—*Geological Survey.* 8⁰. 1885-1898.

Whiteaves (J. F.) Notes on some Mesozoic Fossils from various localities on the coast of British Columbia, *&c. See* CANADA.—*Geological Survey.* Annual Report. Vol. II, 1886, B, appendix 1. 8⁰. 1887.

Whiteaves (J. F.) On some Fossils from the Cretaceous and Laramie rocks of the Saskatchewan and its tributaries, *&c. See* CANADA.—*Geological Survey.* Annual Report. Vol. II, 1886, E, appendix 1. 8⁰. 1887.

Whiteaves (J. F.) The Devonian System in Canada. *pp. 31.* 8⁰. *Easton, Pa.*, 1899.
Proc. Amer. Assoc. Vol. XLVIII.

Whiteaves (J. F.) Preliminary List of Fossils from the Silurian . . . rocks of the Ekwan River, and Sutton Mill Lakes, Keewatin, *&c. See* CANADA.—*Geological Survey.* Annual Report (New Series). Vol. XIV, F. appendix I. 8⁰. 1904 (1905).

WHITEHAVEN SCIENTIFIC ASSOCIATION.
See CUMBERLAND AND WESTMORLAND ASSOCIATION FOR THE ADVANCEMENT OF LITERATURE AND SCIENCE.

WHITEHEAD (*Sir* CHARLES) [1834-1912] Annual report . . . on injurious Insects and Fungi. 1890. *See* GREAT BRITAIN & IRELAND.—*Board of Agriculture.* 8⁰. 1891.

Whitehead (*Sir* C.) Special report . . . on the attack of the Diamond-back Moth Caterpillar [on turnips and other crops in Great Britain during 1891]. *See* GREAT BRITAIN & IRELAND.—*Board of Agriculture.* 8⁰. 1891.

WHITEHEAD (JOHN) [1860-1899] Exploration of Mount Kina Balu, North Borneo. (Appendix.) *pp. x, [ii,] 317 : 32 pls. (col.), text illust.* 4⁰. *London*, 1893.
The appendix contains :—
1. The Mammals. By O. Thomas.
[Reprinted from the "Proc. Zool. Soc. London," 1889.]
2. On the Birds of North Borneo. By R. B. Sharpe and J. Whitehead.
[Reprinted from the "Ibis," 1889, and other sources, with additional matter.]
3. On the Birds of Palawan.
[Reprint of a paper by R. B. Sharpe in the "Ibis," 1888, with addenda by J. Whitehead.]
4. Notes on a collection of Birds from Eastern Java. By J. Whitehead.
5. Recherches sur la Faune Herpétologique des Îles de Bornéo et de Palawan. Par F. Mocquard.
[Reprinted from the "Nouv. Arch. Mus. Hist. Nat. Paris," Sér. III, tom. II, 1890.]
6. Sur une collection de Reptiles et de Batraciens des Îles Bornéo et Palawan. Par F. Mocquard.
[Reprinted from the "Comptes Rend. Congr. Internat. Zool." 1889.]
Sur les Poissons des eaux douces de Bornéo. Par L. Vaillant.
[Reprinted from the "Comptes Rend. Congr. Internat. Zool.," 1889.]
7. Descriptions of some new species of Land-shells from Borneo. By E. A. Smith.
[Reprinted from the "Ann. & Mag. Nat. Hist.," Ser. V, vol. XX, 1887.]
[Description of *Helicarion (?) Whiteheadi*, n.sp., by H. H. Godwin-Austen.
Reprinted from the "Proc. Zool. Soc. London," 1891.]

[**Whitehead** (J.) Exploration of Mount Kina Balu, *&c.* (contd.)]
[Appendix (contd.)]
List of the Land Mollusca collected . . . in Palawan, *&c.* By H. H. Godwin-Austen.
[Reprinted in part from the "Ann. & Mag. Nat. Hist.," Ser. VI, vol. XII, 1893.]
List of Freshwater and Brackish-water Shells collected . . . in Palawan, *&c.* By H. H. Godwin-Austen.
[Reprinted in part from the "Ann. & Mag. Nat. Hist.," Ser. VI, vol. XII, 1893.]
8. On new genera and species of Coleopterous Insects. By H. W. Bates.
[Reprinted from the "Proc. Zool. Soc. London," 1889.]
Descriptions of Coleoptera, *&c.* By H. S. Gorham.
[Reprinted from the "Proc. Zool. Soc. London," 1892.]
9. Descriptions of 16 new Butterflies. By H. Grose-Smith.
[Reprinted from the "Ann. & Mag. Nat. Hist.," Ser. V, vol. XX, 1887 ; & Ser. VI, vol. III, 1889.]
10. Descriptions of new species of Rhynchota. By W. L. Distant.
[Reprinted from the "Ann. & Mag. Nat. Hist.," Ser. VI, vol. III, 1889.]

Whitehead (J.) & **Sharpe** (R. B.) On the Birds of North Borneo.—On the Birds of Palawan. *See* WHITEHEAD (J.) Exploration of Mount Kina Balu, North Borneo. Appendix 2 & 3. 4⁰. 1893.

WHITEHEAD (THOMAS) [For official publications as Commissioner] *See* VIRGINIA, *State of.—Department of Agriculture.*

WHITEHOUSE (B.) Note on Ripon Falls. *See* LYONS (H. G.) On the variations of level of Lake Victoria, *&c.* 4⁰. 1904.

WHITEHURST (JOHN) [1713-1788] An Inquiry into the original state and formation of the Earth . . . To which is added an Appendix, containing some general observations on the strata in Derbyshire, *&c. pp. [xvii,] 199 : 9 pls. [on 5.]* 4⁰. *London*, 1778.

Whitehurst (J.) J. Whitehursts . . . Untersuchungen über den ursprünglichen Zustand und die Bildung der Erde. Aus dem Englischen, nebst Zusätzen und Anmerkungen des Uebersetzers, *&c. pp. [vi,] 288 : 2 pls.* 8⁰. *Leipzig*, 1788.

WHITELAW (H. S.) Report on the St. Arnaud Gold-field. *See* VICTORIA, *Australia.—Department of Mines.* Special Reports, *&c.* 4⁰. 1898.

Whitelaw (H. S.) Report on the Little Bendigo or Nerrena Gold-field, Ballarat. *See* VICTORIA, *Australia.—Department of Mines.* Special Reports, *&c.* 4⁰. 1901.

Whitelaw (H. S.) Report on the Shamrock, Shenandoah, New Chum Railway, Eureka Extended, and South Belle Vue United Mines, New Chum Line of Reef. *See* VICTORIA, *Australia.—Department of Mines.* Special Reports . . . Underground Survey of Mines, Bendigo Gold-field. 4⁰. 1901.

Whitelaw (H. S.) The Northern Bendigo and Raywood Gold-Field. *pp. 19 : 6 maps & plans (col.) See* VICTORIA, *Australia.—Geological Survey.* Bulletins, *&c.* No. 12. 8⁰. 1904.

WHITELAW (OLIVER AUGUSTUS LESLA) [1876-] The Wood's Point Gold-field . . . with appendix, *&c. pp. 37 : 25 pls., 1 map geol. col., text illust. See* VICTORIA, *Australia.—Geological Survey.* Memoirs, *&c.* No. 3. 4⁰. 1905.

Whitelaw (O. A. L.) The Wedderburn Gold-field . . . Appendix : Petrographical Notes, by D. J. Mahony. *pp. 38 : 24 pls., text illust. See* VICTORIA, *Australia.—Geological Survey.* Memoirs, *&c.* No. 10. 4⁰. 1911.

WHITELEGGE (THOMAS) [Hints on the preparation of miscellaneous Marine Organisms.] *See* SYDNEY.—AUSTRALIAN MUSEUM. Hints for the preservation of specimens of Natural History . . . Fourth edition. 8⁰. 1890.

Whitelegge (T.) [Crustacea, Echinoderma, Alcyonaria, Hydrozoa, Scyphozoa, Actinozoa, and Vermes of Funafuti.] *See* SYDNEY.—AUSTRALIAN MUSEUM. Memoirs, *&c.* No. 3. The Atoll of Funafuti, *&c.* 8⁰. 1897-99.

WHITEWAY (RICHARD STEPHEN) The Portuguese Expedition [of C. da Gama] to Abyssinia in 1541-43, as narrated by [M. de] Castanhoso . . . Translated and edited by R. S. Whiteway. *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. 10. 8⁰. 1903.

WHITFIELD (EDWARD) An account of the rare fish, *Regalecus glesne*, caught off Cullercoats . . . March, 1849. *pp. 16 : 1 pl., title illust., 1 text illust.* 8⁰. *London*, 1849.

WHITFIELD (ROBERT PARR) [1828-1910] Descriptions of new species of Fossils. *See* UNITED STATES. [—*Geographical & Geological Surveys. Miscellaneous.*] Report of a reconnaissance from Carroll . . to the Yellowstone National Park, *&c.* 8⁰. 1876.

Whitfield (R. P.) Paleontology of the Black Hills of Dakota. *See* UNITED STATES.—*Geographical and Geological Survey of the Rocky Mountain Region.* Report on the Geology and resources of the Black Hills, *&c.* 4⁰. 1880.

Whitfield (R. P.) [Palæontology of Wisconsin.] *See* WISCONSIN, *State of.—Geological Survey.* Geology of Wisconsin, *&c.* Vol. IV. 8⁰. 1882.

Whitfield (R. P.) List of Wisconsin fossils. *See* WISCONSIN, *State of.—Geological Survey.* Geology of Wisconsin, *&c.* Vol. I. 8⁰. 1883.

Whitfield (R. P.) Brachiopoda and Lamellibranchiata of the Raritan Clays and Greensand Marls of New Jersey. *pp. xx, 269 : 35 pls., 1 map col., text illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. IX. 4⁰. 1885.

—— [Another issue.] *See* NEW JERSEY, *State of.—Geological Survey.* Report on Paleontology, *&c.* Vol. I. 4⁰. 1886.

Whitfield (R. P.) Gasteropoda and Cephalopoda of the Raritan Clays and Greensand Marls of New Jersey. *pp. 402 : 50 pls., text illust. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XVIII. 4⁰. 1892.

—— [Another issue.] *See* NEW JERSEY, *State of.—Geological Survey.* Report on Paleontology, *&c.* Vol. II. 4⁰. 1892.

Whitfield (R. P.) Contributions to the Paleontology of Ohio. (Species from the hydraulic Limestones of the Lower Helderberg group.—Species from the Limestones of the Upper Helderberg group.—Note on the Marcellus shale and other members of the Hamilton group in Ohio, as determined from palæontological evidence.—Recognized species from the Marcellus shales of Ohio.—Species from the Limestones above the "Bone-Bed," in the vicinity of Columbus, Ohio, and not known to occur below that horizon.—Fossils of the Erie shales. —Species from the Huron shales.—Species from the Maxville Limestone, the equivalent of the St. Louis and Chester Limestones of the Mississippi valley.—Fossils from the Coal Measures.—New genus and species of the burrowing fossil bivalve shell (*Corallidomus concentricus, &c.*) *See* OHIO, *State of.—Geological Survey.* Report, *&c.* Vol. VII, pt. 2. 8⁰. [1894.]

Reprinted from the "Annals of the New York Academy of Sciences," Vol. V (1890-91), with the additional description of the new species (*Corallidomus concentricus*).

"The material embodied in the foregoing paper, with the accompanying plates, was originally prepared for Vol. III. pt. 2 (Palæontology) of the Geological Survey report, but pt. 2 was never published. Subsequently a part of the matter was published in the Annals of the New York Academy of Sciences in March 1882, under the title of 'Descriptions of New Species of Fossils from Ohio.'" [Note, *p. 494.*]

Whitfield (R. P.) Mollusca and Crustacea of the Miocene formations of New Jersey. *pp. 195 : 24 pls. See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXIV. 4⁰. 1894.

Whitfield (R. P.) [Description of a new genus and species of Brachiopod, *Scaphiocœlia Boliviensis.*] *See* ORBIGNY (A. D. D') Estudios sobre la Geología de Bolivia, *&c.* (Apéndice.) 8⁰. 1907.

Whitfield (R. P.) & **Hall** (J.) *Geologist.* Descriptions of new species of Fossils, from the Devonian rocks of Iowa, *&c. See* HALL (J.) *Geologist* & WHITFIELD (R. P.) 8⁰. 1872.

Whitfield (R. P.) & **Hall** (J.) *Geologist.* Descriptions of new species of Fossils, from the vicinity of Louisville, Kentucky . . . from the collection of . . . J. Knapp, *&c.* 2 Pt. *illust. See* HALL (J.) *Geologist* & WHITFIELD (R. P.) 8⁰. 1872.

Whitfield (R. P.) & **Hall** (J.) *Geologist.* Descriptions of Invertebrate Fossils, mainly from the Silurian system. —Descriptions of Crinoidea of the Waverly Group. *See* OHIO, *State of.—Geological Survey.* Report, *&c.* Vol. II, pt. 2. 8⁰. 1875.

Whitfield (R. P.) & **Hall** (J.) *Geologist.* Palæontology. [Invertebrata.] *See* UNITED STATES.—*Geological Exploration of the Fortieth Parallel.* Report, *&c.* Vol. IV, pt. 2. 4⁰. 1877.

WHITING (GEORGE) The products and resources of Tasmania, *&c. See* LONDON.—*International Exhibition, 1862.* 8⁰. 1862.

—— Second edition, *&c.* 8⁰. 1862.

WHITING (JAMES E.) Some notes on the Flora of Hampstead. 8⁰. [*Hampstead*, 1901.]

Hampstead Annual. 1901, *pp. 116-124 : text illust.*

WHITLAW (CHARLES) [fl. 1776-1829] Whitlaw's new medical discoveries, with a defence of the Linnæan doctrine and a translation of his Vegetable Materia Medica, *&c.* (Salmon on the physical powers of Plants.) 2 Vol. [in 1.] 4⁰. *London*, 1829.

WHITLEY (NICHOLAS) The "Flint Implements" from Drift, not authentic. *pp. 31 : text illust.* 8⁰. [*Truro*, 1864.]

Journ. Roy. Inst. Cornwall. Vol. I.

Whitley (N.) The Brixham Cavern and its testimony to the Antiquity of Man ; examined . . . to which is added the discussion thereon. *pp. 20 : text illust.* 8⁰. *London*, 1874.

Journ. Trans Victoria Institute. Vol. VIII.

Whitley (N.) A critical examination of the Flints from Brixham Cavern . . . to which is added the discussion thereon. *pp. 28 : 1 photo pl., text illust.* 8⁰. *London*, 1877.

Journ. Trans. Victoria Institute. Vol. XI.

WHITLOCK (F. B.) List of Nottinghamshire Birds. *See* CARR (J. W.) A contribution to the Geology . . . of Nottinghamshire, *&c.* 8⁰. 1893.

WHITLOCK (HERBERT P.) [1868-] Guide to the Mineralogic Collections of the New York State Museum. *pp. 147 : 39 pls., 11 models, text illust. See* ALBANY.—NEW YORK STATE MUSEUM OF NATURAL HISTORY. Bulletin 58. 8⁰. 1902.

Whitlock (H. P.) List of New York Mineral Localities. *pp. 108. See* ALBANY.—NEW YORK STATE MUSEUM OF NATURAL HISTORY. Bulletin 70. 8⁰. 1903.

Whitlock (H. P.) Contributions from the Mineralogic Laboratory. *pp. 36 : 7 pls. See* ALBANY.—NEW YORK STATE MUSEUM OF NATURAL HISTORY. Bulletin 98. 8⁰. 1905.

Whitlock (H. P.) Calcites of New York. *pp. 190 : 27 pls., text illust. See* ALBANY.—NEW YORK STATE MUSEUM OF NATURAL HISTORY. Memoir 13. 4⁰. 1910.

WHITMAN (A. G.) & **Keene** (J. W.) Notes on Mineralogy, *&c. pp. iv, 136.* 8⁰. *Lewiston*, 1872.

WHITMAN (CHARLES OTIS) [1842–1910] *See* JOURNAL OF MORPHOLOGY. Edited by C. O. Whitman, *&c.* Vol. I–XXI, no. 1. 8⁰. 1887–1910.

Whitman (C. O.) *See* ZOÖLOGICAL BULLETIN. Edited by C. O. Whitman, *&c.* Vol. I & II.† 8⁰. 1897–99.

Whitman (C. O.) & **Agassiz** (A.) The development of Osseous Fishes. 2 Pt. *illust. See* CAMBRIDGE, *Mass.* —HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XIV, no. 1. 4⁰. 1885, 89.

WHITNEY (ALBERT W.) Contributions from the Botanical Seminary of the University of California. 3. Evolution and the Theory of Probability. By A. W. Whitney. 8⁰. *Berkeley*, 1900.

"University Chronicle." Vol. III, *pp. 402–421.*

WHITNEY (JOSIAH DWIGHT) [1819–1896] The Metallic Wealth of the United States, described and compared with that of other countries. *pp. 510 : 3 pls., text illust.* 8⁰. *Philadelphia*, 1854.

Whitney (J. D.) On the Upper Mississippi Lead region. *See* WISCONSIN, *State of.—Geological Survey.* Report, *&c.* Vol. I. 8⁰. 1862.

Whitney (J. D.) The auriferous gravels of the Sierra Nevada of California. *pp. xviii, 569 : 24 pls., 2 maps. See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. VI, No. 1. 4⁰. 1879–80.

Whitney (J. D.) The Climatic Changes of later Geological Times, *&c. pp. xiv, 394. See* CAMBRIDGE, *Mass.* —HARVARD UNIVERSITY.—*Museum of Comparative Zoology.* Memoirs, *&c.* Vol. VII, no. 2. 4⁰. 1880–82.

Whitney (J. D.) List of American Authors in Geology and Palæontology. *See* CAMBRIDGE, *Mass.*—HARVARD UNIVERSITY.—*Library.* Bibliographical Contributions, *&c.* No. 15. 8⁰. 1882.

Whitney (J. D.)

[For official publications as "Chemist and Mineralogist"] *See* IOWA, *State of.—Geological Survey.*

[For official publications in connection with the Survey] *See* ILLINOIS, *State of.—Geological Survey.*

[For official publications as "State Geologist"] *See* CALIFORNIA, *State of.—Geological Survey.*

Whitney (J. D.) & **Foster** (J. W.) Report on the Geology and Topography of a portion of the Lake Superior land district, in the State of Michigan, *&c.* 2 Pt. *See* UNITED STATES.[—*Geographical & Geological Surveys : Miscellaneous.*] 8⁰. 1850, 51.

WHITNEY (W. D.) *Botanist.* [For contributions on the Botany of the Lake Superior land district] *See* UNITED STATES. Report on the Geology and Topography . . of the Lake Superior land district, *&c.* Pt. II. 8⁰. 1851.

WHITNEY (WILLIAM DWIGHT) [1827–1894] The Century Dictionary : an encyclopedic lexicon of the English Language. Prepared under the superintendence of W. D. Whitney, *&c.* 6 Vol. *illust.* 4⁰. *New York*, 1889–91.

Printed in three parallel columns. The pagination is continuous throughout.

The work was subsequently re-issued in eight volumes, to which was added a re-issue of "The Cyclopædia of Names . . . Edited by B. E. Smith" [*q.v.*] as Vol. IX.

—— Supplement.(—The Century Cyclopædia of Names Supplement.) [Edited by B. E. Smith.] Vol. X & XI *illust.* 4⁰. *London & New York*, [1911].

WHITTLESEY (CHARLES) [1808–] [For contributions to the Geology of the Lake Superior land district] *See* UNITED STATES.[—*Geographical and Geological Surveys : Miscellaneous*]. Report on the Geology and Topography . . . of the Lake Superior land district, *&c.* Pt. II. 8⁰. 1851.

Whittlesey (C.) Geological report of that portion of Wisconsin bordering on the south shore of Lake Superior. Surveyed in the year 1849. *See* UNITED STATES.—GEOLOGICAL SURVEY OF WISCONSIN, IOWA, & MINNESOTA. Report, *&c.* 4⁰. 1852.

Whittlesey (C.) Mineral Resources of the Cordilleras of North America, particularly as to Precious Metals. *pp. 64 : 1 map.* 8⁰. *Cleveland, Ohio*, 1863.

Whittlesey (C.) Ancient mining on the shores of Lake Superior. *pp. 19 : 1 map col., text illust. See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. XIII, art. 4. 4⁰. 1863 (1864).

Whittlesey (C.) On the Fresh-Water Glacial Drift of the northwestern States. *pp. 32 : 2 pls., text illust. See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. XV, art. 3. 4⁰. 1867.

Whittlesey (C.) [For official reports in connection with the Survey] *See* OHIO, *State of.—Geological Survey.*

WHITTON (JOHN) Map shewing the Railways of New South Wales . . . Scale 32 miles to 1 inch. *See* NEW SOUTH WALES. [*Maps.*] s.sh. 1883.

WHITWORTH (ROBERT P.) Bailliere's Tasmanian Gazetteer and Road Guide . . . Compiled by R. P. Whitworth. *pp. 228 : 1 map.* 8⁰. *Hobart Town*, 1877.

Whitworth (R. P.) Bailliere's Victorian Gazetteer and Road Guide . . . Compiled by R. P. Whitworth. *pp. viii, 540 : 1 map.* 8⁰. *Melbourne*, 1879.

WHYMPER (CHARLES) [1853–] Egyptian Birds : for the most part seen in the Nile Valley. *pp. x, 221 : 51 pls. col., text illust.* 8⁰. *London*, 1909.

WHYMPER (EDWARD) [1840–1911] Contributions to the Fossil Flora of north Greenland, being a description of Plants collected by E. Whymper during . . . 1867. *See* HEER (O.) Flora Fossilis Arctica, *&c.* Bd. II. 4⁰. 1869.

Whymper (E.) Travels amongst the Great Andes of the Equator. *pp. xxiv, 456 : 21 pls., 3 maps, text illust.* 8⁰. *London*, 1892.

—— Supplementary Appendix, *&c. pp. xxii, 147 : 14 pls., text illust.* 8⁰. *London*, 1891.

Introduction. By H. W. Bates.
Coleoptera. By H. W. Bates, D. Sharp, H. S. Gorham, A. S. Olliff, M. Jacoby.
Hymenoptera. Formicidæ. By P. Cameron.
Lepidoptera Rhopalocera. By F. D. Godman . . . & O. Salvin.
Rhynchota. By W. L. Distant.
Crustacea.
Podophthalmia. By E. J. Miers.
Isopoda. By . . . A. E. Eaton.
Amphipoda. By . . . T. R. R. Stebbing.
Reptilia & Batrachia. By G. A. Boulenger.
Cuclopium cuclopeum, Humboldt. By F. Day.
Notes on Rocks . . . By T. G. Bonney.

Whymper (E.) [Chamonix and the range of Mont Blanc. A Guide, *&c.* 8⁰. *London*, 1896.]
Wanting.

—— Sixteenth edition. *pp. xiv, 206 : 1 plan, 4 maps, text illust.* 8⁰. *London*, 1911.
The title on the wrapper reads:—"A Guide to Chamonix," *&c.*

WHYMPER (Frederick) Travel and Adventure in the territory of Alaska, formerly Russian America . . . and in various other parts of the North Pacific . . . Second edition, *&c.* *pp. xix [i,] 331 : 15 pls., 1 map, text illust.* 8⁰. *London*, 1869.

WHYTE (Alexander) [1834–1908] [Report on the Flora and Fauna of the district of Milanji.] *See* Great Britain & Ireland. Papers relative to the suppression of slave-raiding in Nyassaland. 4⁰. 1892.

Whyte (A.) Report on the Botanical aspects of British Central Africa. *See* Great Britain & Ireland. — *Foreign Office.* Miscellaneous Series. No. 373. 8⁰. 1895.

WIADOMOŚCI Z NAUK PRZYRODZONYCH. [Knowledge of Natural Science.] Zeszyt I & II. 8⁰. *Warszawa*, 1880 & 1882.

WIBEL (August Wilhelm Eberhard Christoph) [1775–1814] Primitiæ Floræ Werthemensis. *pp. 372.* 8⁰. *Ienæ*, 1799.

Wibel (A. W. E. C.) Beyträge zur Beförderung der Pflanzenkunde. *pp. x, 116 : 2 pls.* 8⁰. *Frankfurt am Main*, 1800.

WIBORG (E.) *See* Viborg (E. N.)

WICHELHAUS (Carl Hermann) [1842–] Ueber die Lebensbedingungen der Pflanze, *&c.* *pp. 30.* 8⁰. *Berlin*, 1868.

WICHMANN (Carl Ernst Arthur) [1851–] Die Pseudomorphosen des Cordierits. Inaugural-Dissertation, *&c.* *pp. 29 : 1 pl.* 8⁰. *Berlin* [1875].

Wichmann (C. E. A.) Microscopical observations of the iron-bearing (Huronian) rocks from the region south of Lake Superior. *See* Wisconsin, *State of.—Geological Survey.* Geology of Wisconsin, *&c.* Vol. III. 8⁰. 1880.

Wichmann (C. E. A.) Sammlungen des geologischen Reichs-Museum in Leiden. Herausgegeben von . . . A. Wichmann. Ser. I, bd. I–IV ; Ser. II, bd. I. *See* Leyden.—geologisches reichs-museum. 8⁰. 1881–1890.

Wichmann (C. E. A.) Gesteine von Timor und einiger angrenzender Inseln. *pp. viii, 208 : 3 pls., 2 maps.* *See* Leyden.—geologisches reichs-museum. Sammlungen, *&c.* Ser. I. Beiträge zur Geologie Ost-Asiens und Australiens. Bd. II. 8⁰. 1882–1887.

Wichmann (C. E. A.) Nova Guinea. Uitkomsten der Nederlandsche Nieuw-Guinea-Expeditie in 1903, onder leiding van . . A. Wichmann (—in 1907 en 1909 onder leiding van . . . H. A. Lorentz.—in 1912 en 1913 onder leiding van A. Franssen-Herderschee). Vol. I→ *illust.* (*col.*) 4⁰. *Leiden*, 1906→
There is an alternative title in French.
Vol. I–VI treat of the 1903 Expedition under A. Wichmann ; and Vol. VII–X of the 1907 and 1909 Expedition under H. A. Lorentz ; Vol. XI–XIII of the 1912 and 1913 Expedition under A. Franssen-Herderschee.
Vol.
I. Entdeckungsgeschichte von Neu-Guinea (bis 1828), von A. Wichmann. *pp. xvii, 387 : text illust.* 1909.
II. —— (1828–1885 & 1885–1902) von A. Wichmann. 2 Pt. *pp. xiv, xvi, 1026 : text illust.* 1910, 12.
III. Ethnography and Anthropology by G. A. J. van der Sande. *pp. [vi,] 390 : 79 pls. (col.), 1 map, text illust.* 1907.

[**Wichmann** (C. E. A.) Nova Guinea, *&c.* (contd.)]
Vol.
V. Zoologie.
,, Livr. 1. (1906) Opilioniden, von J. C. C. Loman.
Dermatoptera, by M. Burr.
Phasmidæ, von C. Brunner von Wattenwyl.
Cicindelidæ, von W. Horn.
Dytiscidæ, Gyrinidæ et Hydrophilidæ, par M. Régimbart.
Passalini, von R. Zang.
Lucanidæ and Scarabæidæ p.p., by G. J. Arrow.
Cetonini und Coprini, von H. von Schönfeldt.
Elateridæ, par E. Fleutiaux.
Bostrychidæ, par P. Lesne.
Brenthidæ, von H. von Schönfeldt.
Cassididæ, von F Spaeth.
Languriidæ, Endomychidæ, von S. Schenkling.
Hymenoptera I (All families, except Apidæ and Formicidæ), by P. Cameron.
Diptera, von J. C. H. de Meijere.
Acari, by A. C. Oudemans.
Amphibien, von P. N. van Kampen.
Die Cestoden, von C. v. Janicki.
,, Livr. 2. (1908) Süsswasserfische, von M. Weber.
Mollusques terrestres et fluviatiles, par A. Bavay.
Carabidæ, par M. Maindron.
Histeridæ, par G. Lewis.
Buprestidæ, par C. Kerremans.
Coccinellidæ } von J. Weise.
Chrysomelidæ }
Anthribidæ, by K. Jordan.
Hymenoptera II. Apidæ. Von H. Friese.
Mammals, by F. A. Jentink.
,, Livr. 3. (1909) Reptilien, von N. de Rooy.
Neuropteroidea von H. W. van der Weele.
Birds, by L. F. de Beaufort.
Freshwater sponge, by N. Annandale.
,, Livr. 4. (1911) Spinnen, von W. Kulczyński.
Reptilien, von T. W. van Lidth de Jeude.
Formicidæ, par C. Emery.
,, Livr. 5. (1914) Gordiens, par L. Camerano.
Oligochæta . . . (1903). Par L. Cognetti de Martiis.
VI. Géologie.
,, Livr. 1. (1913) Unteres Callovien und Coronatenschichten zwischen MacCluer-Golf und Geelvink-Bai, von G. Böhm.
,, Livr. 2. (1914) Foraminiferen-führende Gesteine von Niederländisch Neu-Guinea, von L. Rutten.
VII. Ethnographie. Livr. 1→ 1913→
VIII. Botanique. Livr. 1→ 1909→
[The following Botanists have contributed to this volume:—O. Beccari, C. Bernard, W. Burck, C. de Candolle, H. Christ, L. Diels, A. Engler, E. Gilg, H. Hallier, H. Harms, W. P. Hiern, S. H. Koorders, H. Krause, C. Lauterbach, T. Loesener, J. M. Macfarlane, J. Perkins, A. Pulle, L. Radlkofer, E. Rosenstock, O. von Seemen, J. J. Smith, J. V. Suringar, T. Valeton & F. A. F. C. Went.]
IX. Zoologie.
,, Livr. 1. (1909) Mammals, by F. A. Jentink.
Dermatoptera, by M. Burr.
Neuropteroidea, von H. W. van der Weele.
Cassididæ, von F. Späth.
Die Amphibienfauna, von . . . P. N. van Kampen.
Birds, by E. D. van Oort.
,, Livr. 2. (1911) Spinnen, von W. Kulczyński.
Paraperipatus Lorentzi, n. sp., by R. Horst.
Opiliones. Bearbeitet von C. F. Roewer.
Mammals, by F. A. Jentink.
Hymenoptera (except Anthophila and Formicidæ), by P. Cameron.
Formicidæ, par C. Emery.
Apidæ, von H. Friese.
Reptilien, von T. W. van Lidth de Jeude.
,, Livr. 3. (1913) Oligochètes, par L. Cognetti de Martiis.
Dipteren I, von J. C. H. de Meijere.
Dipteren II. The Tabanidæ, by G. Ricardo.
Rhynchota I. Mononychidæ, Naucoridæ, Nepidæ, par A. L. Montandon.
Cicindelinæ, von W. Horn.
Lamellicornes coprophages, par J. J. E. Gillet.
Lampyridæ, par E. Olivier.
Chrysomeliden und Coccinelliden, von J. Weise.
Cassididæ [II], von F. Späth.
Amphibien, von P. N. van Kampen.
Vogelcestoden, von O. Fuhrmann.
Die Odonata, von F. Ris.
,, Livr. 4. (1913) Süsswasserfische, von M. Weber.
XII. Botanique. Livr. 1→ 1913→

WICHMANN (Heinrich) Bericht über die petrographische Untersuchung einiger Gesteine der Somâl- und Gallaländer von Harar. *See* Paulitschke (P. V.) Harar, *&c.* Wissenschaftlicher Theil. V. 8⁰. 1888.

WICHURA (Max) [1817–1866] Die Bastardbefruchtung im Pflanzenreich erläutert an den Bastarden der Weiden. *pp. iv, 95 : 2 pls.* 4⁰. *Breslau*, 1865.

WICKEL-RAUPE. Abhandlungen von der Wickel-Raupe, nebst einigen Vorschlägen zur derselben Vertilgung. *pp. 28 : 1 pl.* 8⁰. *Berlin & Leipzig*, 1779.

WICKHAM (Henry Alexander) Rough notes of a journey through the wilderness, from Trinidad to Pará, Brazil, by way of the Great Cataracts of the Orinoco, Atabapo, and Rio Negro. *pp. xiv, 301 : 16 pls.* 8⁰. *London*, 1872.

WICKLOW, *County of.* Guide to the County of Wicklow, *&c.* *pp. xi, 203 : 5 pls., 1 map.* 8⁰. *Dublin*, 1835.

Wicklow, *County of.* The Mines of Wicklow. *pp. vi, 107 : 5 pls. (1 col.), text illust.* 8⁰. *London*, 1856.

WICKMAN (Daniel) Dissertatio botanico-medica de Viola Ipecacuanha, quam . . . præside . . . C. v. Linné . . . offert auctor, *&c.* *pp. 12.* 4⁰. *Upsaliæ* [1774].

—— [Another edition.] *See* Linnæus (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. viii, no. 165. 8⁰. 1785.

WICKMANN (Heinrich) Die Entstehung der Färbung der Vogeleier. *pp. 64.* 8⁰. *Münster i. W.*, 1893.

WIDDRINGTON (Samuel Edward)
See Cook afterwards Widdrington.

WIDEGREN (Hjalmar) *See* Nordisk Tidsskrift for Fiskeri. Udgivet af . . H. Widegren, *&c.* Aarg. i–iv. 8⁰. 1873–78.

Widegren (H.) & **Holmgren** (A. E.) Handbok i Zoologi, *&c.* Del. i & ii [in 3]† *illust.* 8⁰. (*Stockholm*, 1865–71.)

Del. i. Skandinaviens Däggdjur af A. E. Holmgren. 1865.
,, ii. Skandinaviens Foglar af A. E. Holmgren. 2 Bd. [in 3 Hft.] 1866–71.

WIDENIUS (Carolus Fredricus) & **Kalm** (M.) Sciagraphia studii botanici, *&c.* *See* Kalm (M.) & Widenius (C. F.) 4⁰. 1821.

WIDENMANN (August) [1865–] Die Kilimandscharo-Bevölkerung, *&c.* *pp. ix, 104 : 11 pls., text illust.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. xxvi, no. 129. 4⁰. 1899.

WIDENMANN (Johann Friedrich Wilhelm) [1764–1798] Handbuch des oryktognostischen Theils der Mineralogie. *pp. xiv [vi,] 1040 [19] : 2 pls. (1 col.)* 8⁰. *Leipzig*, 1794.

WIDHALM (J.) *See* Vīdghal'm (Ī. M.)

WIDMAN (Karl Oskar) [1852–] Nya undersökningar öfver omlagringar inom Propylgruppen. *pp. 26.* *See* Stockholm. — kongliga svenska vetenskapsakademien. Bihang till . . . Handlingar. Bd. xii, afd. ii, no. 7. 8⁰. 1887.

WIDMARK (Fredericus Ol.) Florula Javanica, cujus partem secundam . . . p. p. F. O. Widmark, *&c.* *See* Thunberg (C. P.) 4⁰. [1825.]

Widmark (F. O.) Stirpium in Guinea medicinalium species novæ, quarum fasciculum secundum . . . p. p. F. O. Widmark, *&c.* *See* Afzelius (A.) 4⁰. [1829.]

WIDMARK (Per Fredrik) [1837–] & **others.** Engelsk-Svensk Ordbok. *See* Nilsson (L. G.) *& others.* 8⁰. 1875.

WIDMER (Elisabeth) Die europäischen Arten der Gattung *Primula* . . . Mit einer Einleitung von C. v. Nägeli. *pp. vi, 154.* 8⁰. *München*, 1891.

WIDNMANN (Friedrich) [1765–1848] Catalogus systematicus . . Arborum, Fruticum et Plantarum celeberrimi Horti Eystettensis. *pp. 79.* 4⁰. *Norimbergæ*, 1805.

WIEBEL (Karl Werner Max) [1808–1888] Die Insel Helgoland. Untersuchungen über deren Grösse in Vorzeit und Gegenwart vom Standpunkte der . . . Geologie. *pp 213 : 2 maps, 1 pl.* *See* Hamburg.—naturwissenschaftlicher verein. Abhandlungen, *&c.* Bd. ii, abth. 1. 4⁰. 1848.

Wiebel (K. W. M.) Das Gold der Goldküste, besonders das von Elmina. *See* Hamburg.—naturwissenschaftlicher verein. Abhandlungen, *&c.* Bd. ii, abth. 2, no. 4. 4⁰. 1852.

Wiebel (K. W. M.) Die Insel Kephalonia und die Meermühlen von Argostoli, *&c.* *pp. [iv,] ix, 160 : 1 map, text illust.* 4⁰. *Hamburg*, 1873.

WIED. [*Maps.*] Uebersichtskarte des Vorkommens nutzbarer Mineral-Lagerstätten . . . Maassstab 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. *See* Diesterweg (K.) Beschreibung des Bergreviers Wied. s.sh. 1888.

WIED-NEUWIED (Maximilian Alexander Philipp zu) *Prince* [1782–1867] Reise nach Brasilien in den Jahren 1815–17. 2 Vol. *illust.* Atlas, *22 pls. (col.), 3 maps.* 4⁰. & fol. *Frankfurt a. M.*, 1820–21.

Brasilien. Nachträge, Berichtungen und Zusätze zu der Beschreibung meiner Reise im östlichen Brasilien. *pp. [iv,] 144.* 8⁰. *Frankfurt am Main*, 1850.

Wied-Neuwied (M. A. P. zu) *Prince.* Voyage au Brésil dans les années 1815–17 . . . traduit de l'Allemand par J. B. B. Eyriès. 3 Tom & Atlas. *32 pls. (col.), 3 maps.* 8⁰. & fol. *Paris*, 1821–22.

Some of the plates are counted in the list as double.

Brésil. Quelques corrections indispensables à la traduction Française de la Description d'un Voyage au Brésil. *pp. 109.* 8⁰. *Francfort sur le Mein*, 1853.

Liste des fautes d'impression et de traduction de l'édition Française de la Description du voyage dans l'intérieur du Nord de l'Amérique, *&c.* *pp. 43.* 8⁰. (*Francfort s. M.*) [ ]

Wied-Neuwied (M. A. P. zu) *Prince.* Abbildungen zur Naturgeschichte Brasiliens. (Recueil de Planches coloriées d'Animaux du Brésil.) *90 pls. col., with descriptive letterpress in* germ. & fr. fol. *Weimar*, 1822–31.

Issued in fifteen parts, each having six plates with the accompanying descriptive text.
The dates of publication of these parts were :—Hft. 1, 1822 ; hft. 2–4, 1823 ; hft. 5–8, 1824 ; hft. 9, 1825 ; hft. 10 & 11, 1827 ; hft. 12, 1828 ; hft. 13, 1829 ; hft. 14, 1830 ; hft. 15, 1831. (*Cf.* "Isis," Bd. xi, col. 1336 ; xiii, col. 724, 1259 ; xiv, col. 110, 446, 535, 987, 1103 ; xvii, col. 922 ; xxi, col. 86, 854 ; xxii, col. 74, 530 ; xxiv, col. 629 ; *q.v.* for contents of each.)

Wied-Neuwied (M. A. P. zu) *Prince.* Beitrag zur Flora Brasiliens . . . Mit Beschreibungen von Dr. Nees von Esenbeck . . . u. Dr. von Martius, *&c.* 2 Pt. 4⁰. [*Bonn*, 1823–24.]

Nova Acta Acad. Cæs. Leop.-Carol. Tom. xi & xii.

Wied-Neuwied (M. A. P. zu) *Prince.* Beiträge zur Naturgeschichte von Brasilien. 4 Bd. [in 5 Vol.] *illust.* 8⁰. *Weimar*, 1825–33.

Bd. iii & iv are styled "Zweite Abtheilung."

Wied-Neuwied (M. A. P. zu) *Prince.* Reise in das innere Nord-America in . . . 1832 bis 1834. 2 Bd. *text illust.* & Atlas *84 pls. (col.), 1 map.* 4⁰. & fol. *Coblenz*, [1838–] 1839–41.

The Anhang to Bd. I contains :—
Catalogus plantarum in Monte Pokono (North-Hampt. Pennsylvaniæ) observatarum a L. D. Schweinitz.
Herrn Prof. Göppert . . . über die . . . fossilen Pflanzen-Abdrücke von Mauch-Chunk.
Verzeichniss der in den Wintermonaten am Wabasch vorkommenden Vögel.
In three cases the plates are in duplicate, plain and coloured.
The work appears to have been issued in twenty parts, of which hft. 1–6 (=Vol. I, *pp. 1–392*) appeared in 1838, and the remainder of Vol. I in 1839; hft. 15–17 (=Vol. II, *pp. 169–504*) appeared in 1840, and the work was completed in 1841. (*Cf.* "Isis," Bd. XXXI, col. 794; XXXII, col. 405; XXXIII, col. 334; XXXIV, col. 946; and XXXVII, col. 297.)

Wied-Neuwied (M. A. P. zu) *Prince.* Verzeichniss der auf seiner Reise in Nord-Amerika beobachteten Säugethiere. *pp. 240 : 4 pls.* 8⁰. *Berlin*, 1862.

Wied-Neuwied (M. A. P. zu) *Prince.* Verzeichniss der Reptilien, welche auf einer Reise im nördlichen America beobachtet wurden. *pp. 141 : 7 pls. col. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. XXXII, pt. I, no. 8. 4⁰. 1865.

WIEDEMANN (Christian Rudolph Wilhelm) [1770–1840] B. Harwood's . . . System der vergleichenden Anatomie und Physiologie. Aus dem Englischen übersetzt und mit Anmerkungen und Zusätzen versehen von C. R. W. Wiedemann, *&c. See* Harwood (*Sir* B.) 8⁰. 1799.

Wiedemann (C. R. W.) Cüvier's elementarischer Entwurf der Naturgeschichte der Thiere, aus dem Französischen übersetzt und mit Anmerkungen versehen von C. R. W. Wiedemann. 2 Bd. *See* Cuvier (G. L. C. F. D.) *Baron.* 8⁰. 1800.

Wiedemann (C. R. W.) *See* Archiv fuer Zoologie und Zootomie. Herausgegeben von C. R. W. Wiedemann. Bd. I–IV.† 8⁰. 1800–1805.

Wiedemann (C. R. W.) *See* Zoologisches Magazin. Herausgegeben von . . C. R. W. Wiedemann. Bd. I–II, no. 1.† 8⁰. 1817–23.

Wiedemann (C. R. W.) Nova Dipterorum genera, *&c. pp. viii, 23 : 1 pl.* 4⁰. *Kiliæ Holsatorum*, 1820.
Academic oration.

Wiedemann (C. R. W.) C. R. G. Wiedemanni . . . Diptera exotica. Pars I. *pp. xix [ii,] 244 : 2 pls.* 8⁰. *Kiliæ*, 1821.
Wanting the plates.

Wiedemann (C. R. W.) Analecta Entomologica ex Museo Regio Havniensi maxime congesta, *&c. pp. 60 : 1 pl.* 4⁰. *Kiliæ*, 1824.
Academic oration.
The plate was drawn by J. W. Meigen.

Wiedemann (C. R. W.) Aussereuropäische zweiflügelige Insekten . . . Als Fortsetzung des Meigenschen Werkes. 2 Thl. *illust.* 8⁰. *Hamm*, 1828–30.
The plates were drawn by J. W. Meigen.

Wiedemann (C. R. W.) *Achias* Dipterorum genus a Fabricio conditum; illustratum novisque speciebus auctum et conventui physicorum Germanorum oblatum. *pp. 16 : 2 pls. (col.)* 8⁰. *Kiliæ Holsatorum*, 1830.
Inaugural Dissertation.
Plate ii was drawn by J. W. Meigen.

WIEDEMANN (Eilhard Ernst Gustav) [1852–] *See* Annalen der Physik und Chemie. Neue Folge . . . Herausgegeben von . . . E. Wiedemann. Bd. XLVIII–LXIX & Beiblätter Bd. III–XXIV. 8⁰. 1879–1900.

WIEDEMANN (Gustav Heinreich) [1826–1899] *See* Annalen der Physik und Chemie. Neue Folge . . . Herausgegeben von G. Wiedemann. Bd. I–LXIX & Beiblätter Bd. II–XXIII. 8⁰. 1877–99.

WIEDERSHEIM (Robert Ernst Eduard) [1848–] *Labyrinthodon Ruetimeyeri.* Ein Beitrag zur Anatomie von Gesammtskelet und Gehirn der triassischen Labyrinthodonten. *See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. V.) 4⁰. 1878.

Wiedersheim (R. E. E.) Ueber einen neuen Saurus aus der Trias. *See* Schweizerische Palaeontologische Gesellschaft. Abhandlungen, *&c.* (Vol. VI.) 4⁰. 1879.

Wiedersheim (R. E. E.) Die Anatomie der Gymnophionen. *pp. vii, 101 : 9 pls.* 4⁰. *Jena*, 1879.

Wiedersheim (R. E. E.) Die Anatomie des Frosches . . . Zweite Abtheilung . . mit Beiträgen von . . . R. Wiedersheim (—Dritte . . . Abth. . . . bearbeitet von . . . R. Wiedersheim). *See* Ecker (A.) 8⁰. 1881–82.

—— Neu bearbeitet von . . . E. Gaupp . . . Dritte Auflage. Abth. 1. 8⁰. 1896.

Wiedersheim (R. E. E.) Lehrbuch der vergleichenden Anatomie der Wirbelthiere auf Grundlage der Entwicklungsgeschichte. *pp. xvi, 905 : text illust.* 8⁰. *Jena*, 1883.

—— Zweite Auflage. *pp. xiv, 890 : text illust.* 8⁰. *Jena*, 1886.

Wiedersheim (R. E. E.) Grundriss der vergleichenden Anatomie der Wirbelthiere. *pp. xi, 272 : text illust.* 8⁰. *Jena*, 1884.

Wiedersheim (R. E. E.) Elements of the Comparative Anatomy of Vertebrates. Adapted from the German of R. Wiedersheim . . . by W. N. Parker . . with additions by the author and translator. *pp. xxvi, 345 : text illust.* 8⁰. *London & New York*, 1886.

—— Second edition, *&c. pp. xvi, 488 : text illust.* 8⁰. *London & New York*, 1897.

Wiedersheim (R. E. E.) Das Respirations-System der Chamäleoniden. *pp. 16 : 2 pls. See* Freiburg-in-Breisgau. —Naturforschende Gesellschaft. Berichte, *&c.* Bd. I, hft. 3. 8⁰. 1886.

Wiedersheim (R. E. E.) Das Geruchsorgan der Tetrodonten, nebst Bemerkungen über die Hautmuskulatur derselben. *See* Gegenbaur (C.) *& others.* Festschrift. A. von Kölliker. 4⁰. 1887.

Wiedersheim (R. E. E.) Zur Urgeschichte des Beckens. *See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Berichte, *&c.* Bd. IV, hft. 3. 8⁰. 1889.

Wiedersheim (R. E. E.) Das Gliedmassenskelet der Wirbelthiere mit besonderer Berücksichtigung des Schulter- und Beckengürtels bei Fischen, Amphibien und Reptilien. *pp. [iv,] 266 [1] : text illust.* & Atlas, *17 pls. col.* 8⁰. *Jena*, 1892.

Wiedersheim (R. E. E.) Ueber das Vorkommen eines Kehlkopfes bei Ganoiden und Dipnoern sowie über die Phylogenie der Lunge. *See* Zoologische Jahrbuecher, *&c.* Supplement-Band VII. 8⁰. 1904.

WIEDIKON (J. Meyer von) *See* Meyer (J.) von Wiedikon.

WIEGMANN (A. F.) [1771–1853] Ueber die Bastarderzeugung im Pflanzenreiche, *&c. pp. xii, 40 : 1 pl. col.* 4⁰. *Braunschweig*, 1828.

Wiegmann (A. F.) Ueber die Entstehung, Bildung und das Wesen des Torfes . . . Nebst einem Anhange über die Entstehung, Bildung und das Wesen der Rasen-eisensteine und des erdigen Eisenblau. *pp. viii, 90.* 8⁰. *Braunschweig*, 1837.

Wiegmann (A. F.) Die Krankheiten und krankhaften Missbildungen der Gewächse, mit Angabe der Ursachen und der Heilung, oder Verhütung derselben, so wie über einige den Gewächsen schädliche Thiere und deren Vertilgung. Ein Handbuch, *&c. pp. viii [iv,] 176 : 1 pl.* 8⁰. *Braunschweig*, 1839.

Wiegmann (A. F.) & **Polstorff** (L.) Ueber die anorganischen Bestandtheile der Pflanzen . . . Preisschrift, *&c. pp. 55.* 8⁰. *Braunschweig*, 1842.

WIEGMANN (Arend Friedrich August) [1802–1841] Observationes Zoologicæ criticæ in Aristotelis Historiam Animalium. *pp. 39.* 4⁰. *Lipsiæ*, 1826.

Wiegmann (Arend F. A.) [Lists and descriptions of Amphibia collected during the voyage] *See* Meyen (F. J. F.) Reise um die Erde . . . 1830–32, *&c.* Thl. iii, abth. 7. 4⁰. 1834.

Wiegmann (Arend F. A.) Herpetologia Mexicana, seu descriptio Amphibiorum Novæ Hispaniæ quæ itineribus Comitis de Sack, F. Deppe et C. G. Schiede in Museum Zoologicum Berolinense pervenerunt. Pars prima, Saurorum species amplectens. Adjecto systematis saurorum Prodromo, additisque multis in hunc amphibiorum ordinem observationibus. *pp. vi, 54 : 10 pls. col.* fol. *Berolini*, 1834.

Wiegmann (Arend F. A.) *See* Archiv fuer Naturgeschichte . . . herausgegeben von . . . A. F. A. Wiegmann. Jahrg. i–vi. 8⁰ 1835–40.

Wiegmann (Arend F. A.) Synopsis novorum generum, specierum et varietatum Testaceorum viventium anno 1834 promulgatorum . . . Supplementi loco ad ill. Wiegmann historiæ naturalis promtuarium [Archiv für Naturgeschichte. Jahrg. i, 1834], *&c. See* Mueller (T.) 8⁰. 1836.

Wiegmann (Arend F. A.) Die Säugthiere in Abbildungen nach der Natur, mit Beschreibungen . . . siebenter Theil [begun by Wiegmann]. *See* Schreber (J. C. D. von). 4⁰. (1846.)

Wiegmann (Arend F. A.) & **Ruthe** (J. F.) Handbuch der Zoologie. *pp. vi, 621.* 8⁰. *Berlin*, 1832.

WIEGMANN (Carl Arend Friedrich) [1836–1901] Beiträge zur Anatomie der Landschnecken des Indischen Archipels. *See* Weber (M. C. W.) Zoologische Ergebnisse einer Reise in Niederländisch Ost-Indien, *&c.* Bd. iii. 8⁰. 1893.

Wiegmann (C. A. F.) & **Martens** (E. C. von) Land- und Süsswasser-Mollusken der Seychellen nach den Sammlungen von . . . A. Brauer, bearbeitet von E. v. Martens und F. Wiegmann. *pp. 94 : 4 pls., text illust. See* Berlin.—koenigliche friedrich-wilhelms-universitaet. — *Zoologische Sammlung.* Mitteilungen, *&c.* Bd. i, hft. 1. 4⁰. 1898.

WIELAND (George Reber) [1865–] Status of the Mesozoic Floras of the United States. Second paper . . . With the collaboration of . . . G. R. Wieland. 2 Pt. *illust. See* United States. — *Geological Survey.* Monographs, *&c.* Vol. xlviii. 4⁰. 1905.
The first paper appeared in the Annual Report, No. 20, pt. 2, 1900.

Wieland (G. R.) American Fossil Cycads. *pp. viii, 296 : 54 pls. (1 col.), text illust.* 4⁰. *Washington*, 1906.
Carnegie Institution of Washington, Publication No. 34.

Wieland (G. R.) Two new Araucarias from the western Cretaceous. *pp. 7 : 1 pl.* 8⁰. [*Vermillion*, 1909.]
Rept. Geol. Surv. South Dakota, 1908.

WIEN. *See* Vienna.

WIENER BOTANISCHER VEREIN. *See* Vienna.

WIENER ENTOMOLOGISCHE MONATSCHRIFT . . . Verantwortliche Redacteure: J. Lederer und L. Miller. Bd. i–viii.† 8⁰. *Wien*, 1857–64.

WIENER ENTOMOLOGISCHE ZEITUNG. Herausgegeben und redigirt von L. Ganglbauer . . . F. Löw, J. Mik . . . E. Reitter, F. Wachtl ([and afterwards :] A. Hetschko), *&c.* Jahrg. i→ 8⁰. *Wien*, 1882→
A "General Index" to Jahrg. i–x was issued with Jahrg. x, and one to Jahrg. xi–xx with Jahrg. xx.

WIENER ENTOMOLOGISCHER VEREIN. *See* Vienna.

WIENER MINERALOGISCHE GESELLSCHAFT. *See* Vienna.

WIENER MUSEUM DER NATURGESCHICHTE. *See* Vienna.—kaiserlich-koenigliches naturhistorisches hofmuseum.

WIENER (August F.) & **others.** The illustrated book of Canaries and Cage Birds, British and Foreign. By W. A. Blakston . . . and A. F. Wiener. *See* Blakston (W. A.) *& others.* 4⁰. [1877–80.]

WIENER (Ludwig Christian) [1826–1896] Die Grundzüge der Weltordnung . . . Zweite Ausgabe. 2 Vol. *illust.* [in 1.] 8⁰. *Leipzig & Heidelberg*, 1869.
The first edition appeared in 1863.

WIES (Nicolas) [1817–1879] Populäre Geologie. *pp. xv, 308, text illust.* 8⁰. *Luxemburg*, 1876.

WIESBADEN.—Nassauischer Verein fuer Naturkunde.
[1829 Founded as *Verein für Naturkunde im Herzogthum Nassau.*
1864 *Nassauischer Verein für Naturkunde.*]
Jahrbücher, *&c.* Hft. i→ 8⁰. *Wiesbaden*, 1844→

Wiesbaden.—Nassauischer Verein fuer Naturkunde.
Geschichte des Vereins . . . und des Naturhistorischen Museums zu Wiesbaden von . . . C. Thomä, *&c. pp. viii, 198.* 8⁰. *Wiesbaden*, 1842.

WIESBADEN.—Naturhistorisches Museum.
[Founded 1829.]
Geschichte des . . . Museums . . . von . . . C. Thomä, *&c. See* supra, Nassauischer Verein fuer Naturkunde, *&c.* 8⁰. 1842.

Wiesbaden.—Naturhistorisches Museum.
Catalog der Säugetier-Sammlung . . . Von E. Lampe. *See* supra, Nassauischer Verein fuer Naturkunde, *&c.* Jahrbücher, *&c.* Hft. liii. 8⁰. 1900.

WIESBADEN.—Verein fuer Naturkunde im Herzogthum Nassau. *See* supra, Nassauischer Verein fuer Naturkunde.

WIESBAUR (Johann Baptiste) [1836–1906] Beiträge zur Rosenflora von Oberösterreich, Salzburg und Böhmen. Nach J. B. v. Keller's Kritischen Untersuchungen von J. B. Wiesbaur und M. Haselberger. *pp. 40. See* Linz —museum francisco-carolinum. Bericht, *&c.* No. 49. 8⁰. 1891.
For a supplementary communication on this subject, by A. Dürnberger, *See* the next number of the Bericht.

WIESE (Carlos) Provincia de Moçambique. Itenerario da Expedição Portugueza a M' Peséne em 1888-1889. Escala 1 : 1,000,000 [*i.e.* 1 in. = 15¾ m. about]. *See* Mozambique. [*Maps.*] s.sh. [1891.]

WIESELQUIST (Carolus Gustavus) Monographia Dolichopodum Sveciæ, quam [*pp. 17–24*] . . . subjicit C. G. Wieselquist. Pt. iii. *See* Fallén (C. F.) Diptera Sveciæ, *&c.* Vol. ii. 4⁰. 1823.

—— [Another copy, without original title.]

WIESNER (C. A.) Beitrag zur Kenntniss der Seekreiden und des kalkigen Teichschlamms der jetzigen und früherer geologischen Perioden. *pp. 39. See* Wurzburg. — physikalisch - medicinische gesellschaft. Verhandlungen, *&c.* Neue Folge, Bd. xxvi, no. 2. 8⁰. 1892.

WIESNER (Julius) [1838–] Die technisch verwendeten Gummiarten, Harze und Balsame. Ein Beitrag zur wissenschaftlichen Begründung der technischen Waarenkunde. *pp. viii, 205.* 8⁰. *Erlangen*, 1869.

Wiesner (J.) Mikroskopische Untersuchungen, *&c. pp. iv, 189.* 8⁰. *Stuttgart*, 1872.

Wiesner (J.) [Die Rohstoffe des Pflanzenreiches, *&c.* 8⁰. *Leipzig*, 1873.]

Wanting.

—— Zweite . . . Auflage. 2 Bd. *illust.* 8⁰. *Leipzig*, 1900–1903.

Wiesner (J.) Die natürlichen Einrichtungen zum Schutze des Chlorophylls der lebenden Pflanze. *See* Vienna.— kaiserlich-koenigliche zoologisch-botanische gesellschaft. Festschrift, *&c.* 4⁰. 1876.

Wiesner (J.) Das Bewegungsvermögen der Pflanzen. Eine kritische Studie über das gleichnamige Werk von C. Darwin, nebst neuen Untersuchungen, *&c. pp. vi, 212 : text illust.* 8⁰. *Wien*, 1881.

Wiesner (J.) Elemente der wissenschaftlichen Botanik. 3 Bd. *text illust.* 8⁰. *Wien*, 1881–89.

—— Zweite . . . Auflage, *&c.* Bd. i. 8⁰. *Wien*, 1885.

Wiesner (J.) Die Beziehungen der Pflanzenphysiologie zu den anderen Wissenschaften. *pp. 48.* 8⁰. *Wien*, 1898.

WIEST (Anton) Untersuchungen über die pflanzengeographischen Verhältnisse Deutschlands. Eine Inaugural - Dissertation, welche . . vorlegt A. Wiest. *See* Schuebler (G.) 8⁰. 1827.

WIGAN.—Wigan Free Public Library. Index Catalogue of books and papers relating to Mining, Metallurgy and Manufactures. By H. T. Folkard, *&c. pp.* [*iv,*] *158.* 8⁰. *Southport*, 1880.

WIGAND (Johann) Vera historia de Succino Borussico. De Alce Borussica, &c: De Herbis in Borussia nascentibus, *&c. pp.* [*xxii,*] *153.* 12⁰. *Jenæ*, Anno xc [*i.e.* 1590].

WIGAND (Julius Wilhelm Albert) [1821–1886] Kritik und Geschichte der Lehre von der Metamorphose der Pflanze. *pp. iv, 131.* 8⁰. *Leipzig*, 1846.

Wigand (Julius W. A.) Grundlegung der Pflanzen-Teratologie, oder Gesichtspuncte für die wissenschaftliche Betrachtung der Bildungsabweichungen im Pflanzenreiche. Nebst einem Excurs über die morphologische Bedeutung des Pistills der Leguminosen, Liliaceen, Primulaceen und über den Begriff des Blattes. *pp. iv, 151.* 8⁰. *Marburg*, 1850.

Wigand (Julius W. A.) Intercellularsubstanz und Cuticula. Eine Untersuchung über das Wachsthum und die Metamorphose der vegetabilischen Zellenmembran. *pp. vi, 130 : 2 pls.* 8⁰. *Braunschweig*, 1850.

Wigand (Julius W. A.) Der Baum. Betrachtungen über Gestalt und Lebensgeschichte der Holzgewächse. *pp. xiv, 254 : 2 pls.* 8⁰. *Braunschweig*, 1854.

Wigand (Julius W. A.) Botanische Untersuchungen. *pp. vi, 168 : 6 pls.* 8⁰. *Braunschweig*, 1854.

Wigand (Julius W. A.) Flora von Kurhessen. Erster Theil. Diagnostik der in Kurhessen und den angrenzenden Gebieten verkommenden Gefässpflanzen einschliesslich der Nutz- und Zier-Gewächse. *pp. xlviii, 367.* 8⁰. *Marburg*, 1859.

A third edition entitled, "Flora von Kurhessen und Nassau," *&c.*, appeared in 1879.

Flora von Hessen und Nassau. ii. Teil . . . Herausgegeben von . . . Fr. Meigen. *pp. viii, 565 : 1 map, text illust. See* Marburg.—gesellschaft zur befoerderung der gesammten naturwissenschaften. Schriften, *&c.* Bd. xii, abhandl. 4. 8⁰. 1891.

Wigand (Julius W. A.) Der Botanische Garten zu Marburg, *&c. pp. 24 : 1 plan col.* 8⁰. *Marburg*, 1867.

Schrift. Gesell. Beförd. gesammt. Naturw. Marburg. Bd. ix.

Wigand (Julius W. A.) Der Darwinismus und die Naturforschung Newtons und Cuviers. Beiträge zur Methodik der Naturforschung und zur Speciesfrage. 3 Bd. [in 1.] 8⁰. *Braunschweig*, 1874–77.

Wigand (Julius W. A.) Uebersicht der bisher in der Umgegend von Cassel beobachteten Pilzer . . . unter specieller Mitwirkung des . . . A. Wigand . . . bearbeitet von . . . H. Eisenach. *pp.* [*iv,*] *36. See* Cassel.— verein fuer naturkunde. Bericht, *&c.* xxiv–xxv. 8⁰. 1878.

Wigand (Julius W. A.) Entstehung und Fermentwirkung der Bakterien. Vorläufige Mittheilung . . . Zweite Auflage. *pp. 40.* 8⁰. *Marburg*, 1884.

The first edition appeared earlier in the same year.

Wigand (Julius W. A.) Botanische Hefte. Forschungen aus dem Botanischen Garten . . . Herausgegeben von A. Wigand. Hft. i–ii. *See* Marburg.— universitaet. 8⁰. 1885–87.

Wigand (Julius W. A.) *Nelumbium speciosum*, W. Eine monographische Studie . . . vollendet und herausgegeben von . . . E. Dennert. *pp. 68 : 6 pls. See* Bibliotheca Botanica. Heft ii. 4⁰. 1888.

Wigand (Julius W. A.) Das Protoplasma als Fermentorganismus. Ein Beitrag zur Kenntnis der Bakterien der Fäulnis, Gährung und Diastasewirkung, sowie der Molekularphysiologie von . . . A. Wigand . . . Nach dem Tode des Verfassers vollendet und herausgegeben von . . . E. Dennert. *pp. x, 294* [*1*]. *See* Marburg.— universitaet. Botanische Hefte, *&c.* Hft. iii. 8⁰. 1888.

WIGANDUS (Wolradus) Dissertatio inauguralis medica de Scordio . . . exposita a W. Wigando, *&c. See* Wedelius (J. A.) 4⁰. 1716.

WIGG (Lilly) [1749–1828] [Autograph Catalogue of Esculent Plants.] *pp. 52.* 4⁰. [1810.]

WIGGERS (Fredericus Henricus) Primitiæ Floræ Holsaticæ . . . quas præside D. J. C. Kerstens . . . defendet auctor, *&c. pp.* [*iv,*] *112.* 4⁰. *Kiliæ* [1780].

Largely compiled from the writings of G. H. Weber [*q.v.*], who published a Supplement to it in 1787.

—— Supplementum alterum, *&c. See* Nolte (E. F.) Novitiæ Floræ Holsaticæ, *&c.* 8⁰. 1826.

WIGGERS (Heinrich August Ludwig) [1803–1880] Inquisitio in *Secale cornutum* respectu inprimis habito ad ejus ortum, naturam et partes constituentes, nominatim eas, quibus vires medicinales adscribendæ sunt, *&c. pp.* [*viii,*] *78.* 4⁰. *Gottingæ*, 1831.

WIGHT, *Isle of.*—**Philosophical and Scientific Society.**
See Isle of Wight Philosophical and Scientific Society.

WIGHT (Robert) [1796–1872] Contributions to the Botany of India. *pp. 136.* 8⁰. *London*, 1834.

Wight (R.) Illustrations of Indian Botany ; or figures illustrative of each of the natural orders of Indian Plants, described in the author's Prodromus Floræ Peninsulæ Indiæ Orientalis [by Wight & Arnott]; with observations on their botanical relations, economical uses and medical properties ; including descriptions of recently discovered or imperfectly known Plants. 2 Vol. 4⁰. *Madras*, 1840–50.

Wight (R.) Icones Plantarum Indiæ Orientalis, or Figures of Indian Plants. 6 Vol. 4⁰. *Madras*, 1840–53.

General Index of the Plants described and figured in Dr. Wight's Work Entitled "Icones Plantarum Indiæ Orientalis." *See* Cleghorn (H. F. C.) 4⁰. 1856.

Wight (R.) *See* Calcutta Journal of Natural History . . . Conducted by . . . R. Wight, *&c.* Vol. vi & vii. 8⁰. 1846–47.

Wight (R.) Spicilegium Neilgherrense, or a selection of Neilgherry Plants. Drawn and coloured from Nature with brief descriptions of each ; some general remarks on the geography and affinities of natural families of Plants, *&c.* 2 Vol. 4⁰. *Madras*, [1846–] 1851.

Wight (R.) & **Arnott** (G. A. W.) Prodromus Floræ Peninsulæ Indiæ Orientalis, *&c.* Vol. i.† *pp. xxxvii, 480.* 8⁰. *London*, 1834.
For plates illustrating this work, *See* Wight (R.) Illustrations of Indian Botany, *&c.* 2 Vol. 4⁰. 1840–50.

Wight (R.) & **Arnott** (G. A. W.) [Catalogue of Dried Specimens of Indian Plants distributed by Dr. R. Wight.] [8⁰. 1833–37.]
Lithographed in Arnott's writing : without title.

WIGHT (William Franklin) The History of the Cowpea and its introduction into America. *pp. 21 : 3 pls. See* United States.—*Department of Agriculture.* —*Plant Industry Bureau.* Bulletin No. 102, pt. vi. 8⁰. 1907.

Wight (W. F.) North American species of the genus *Amygdalus. See* Stanford University, *California.* —Leland Stanford Junior University. Leland Stanford Junior University Publications. University Series. Dudley Memorial Volume, *&c.* 8⁰. 1913.

WIGLESWORTH (Joseph) St. Kilda and its Birds, *&c. pp. 69 : 5 pls.* 8⁰. *Liverpool*, 1903.
Proc. & Trans. Liverpool Biol. Soc. Vol. xvii.

WIGLESWORTH (Lionel W.) Aves Polynesiæ. A Catalogue of the Birds of the Polynesian subregion (not including the Sandwich Islands). *pp. x, 92. See* Dresden.—koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen, *&c.* 1890–91. No. 6. 4⁰. 1892.

Wiglesworth (L. W.) & **Meyer** (A. B.)
Neue Vögel von Celebes. *pp. 3.*
Bericht über die von den Herren P. u. F. Sarasin in Nord Celébes gesammelten Vögel. *pp. 20.*
Eine zweite Sammlung von Vögeln von den Talaut Inseln. *pp. 9.*
See Dresden.—koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen und Berichte, *&c.* 1894–95. No. 4, 8 & 9. 4⁰. 1895.

Wiglesworth (L. W.) & **Meyer** (A. B.)
Bericht über die 5–7 Vogelsammlung der Herrn . . . P. und . . . F. Sarasin aus Celébes. *pp. 16.*
Eine Vogelsammlung von Nordost Celébes und den Inseln Peling und Banggai. *pp. 20 : 1 map.*
See Dresden.—koenigliches zoologisches und anthropologisch-ethnographisches museum. Abhandlungen, *&c.* Bd. vi, no. 1 & 2. 4⁰. 1897.

Wiglesworth (L. W.) & **Meyer** (A. B.) The Birds of Celebes and the neighbouring islands. 2 Vol. *illust. See* Meyer (A. B.) & Wiglesworth (L. W.) 4⁰. 1898.

WIIK (Fredrik Johan) [1839–1909] Utkast till ett kristallokemiskt Mineralsystem. i. Silikaterna. *pp. 221. 1 pl., text illust. See* Helsingfors.—finska vetenskaps-societeten. Acta, *&c.* Tom. xix, no. 14. 4⁰. 1893.

Wiik (F. J.) Om en ny anti-aktualistisk teori för de kristalliniska bergformationerna. Preliminärt meddelande. *pp. 22. See* Helsingfors.—finska vetenskaps-societeten. Öfversigt af . . Forhandlingar. Vol. xlviii, no. 16. 8⁰. 1906.

WIJHE (J. W. van) Ueber die Mesodermsegmente und die Entwickelung der Nerven des Selachier-Kopfes, *&c. pp. 50 : 5 pls. See* Amsterdam.—koninklijke akademie van wetenschappen. Verhandelingen, *&c.* Deel. xxii. 4⁰. 1883.

Wijhe (J. W. van) Studien über *Amphioxus.* i→ *illust. See* Amsterdam.—koninklijke akademie van wetenschappen. Verhandelingen . . . Tweede Sectie. Dl. xviii, no. 1. 8⁰. 1914→

WIJK (H. L. Gerth van) A Dictionary of Plantnames [*sic*]. *pp. xxiv, 1444, v.* 4⁰. *The Hague*, 1911.

WIKANDER (Petrus Augustus) Monographia Armillariarum Sueciæ, quam . . . proponit P. A. Wikander, *&c. See* Fries (E. M.) 8⁰. 1854.
Also issued as part of Fries' "Monographia Hymenomycetum Sueciæ," *&c.* [*q.v.*]

WIKSTRÖM (Johann Emanuel) [1789–1856] Museum naturalium Academiæ Upsaliensis, cujus Append. xxi. . . proponit J. E. Wikström, *&c. See* Thunberg (C. P.) 4⁰. [1813.]

Wikström (J. E.) Dissertatio de Daphne, quam . . præside C. P. Thunberg . . . proponit auctor, *&c. pp. 56.* 4⁰. *Upsaliæ* [1817].

—— Editio altera, *&c. pp. 40.* 4⁰. *Stockholmiæ*, 1820.

Wikström (J. E.) Ofversigt af (de sednare årens) Botaniska Arbeten och Upptäckter . . . 1821 (–25). [*Continued as :*] Årsberättelse om framstegen uti Botanik för år 1826 (–27). [*Continued as :*] Års-Berättelse om Botaniske Arbeten och Upptäckter for år 1828 (–52) . . . afgifven af J. E. Wikström. *See* Stockholm.—kongliga svenska vetenskaps-akademien. 8⁰. 1822 (–57).

Wikström (J. E.) Jahresbericht der Schwedischen Academie der Wissenschaften, über die Fortschritte der Naturgeschichte (II. Botanischer Bericht von J. E. Wikström), *&c.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. 8⁰. 1828.

Wikström (J. E.) Adnotationes Botanicæ, quas reliquit O. Swartz . . . Post mortem auctoris collectæ . . . atque notis et præfatione instructæ a J. E. Wikström, *&c.* *See* SWARTZ (O.) 8⁰. 1829.

Wikström (J. E.) Conspectus Litteraturæ Botanicæ in Suecia ab antiquissimis temporibus usque ad finem anni 1831, notis bibliographicis et biographiis auctorum adjectis. *pp. xlix, 341.* 8⁰. *Holmiæ*, 1831.

Wikström (J. E.) Jahresberichte der K. Schwedischen Akademie der Wissenschaften . . . über die Fortschritte der Botanik in 1820 (-42) von J. E. Wikström, *&c.* 15 Vol. [in 13.] *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. 8⁰. 1838-47.

Wikström (J. E.) Stockholms Flora, eller korrt Beskrifning af de vid Stockholm i vildt tillstånd förekommande Växter. Med en Inledning, innehållande en öfversigt af Stockholms-traktens Natur-Beskaffenhet. *pp. viii, 423, 29, vi, 185 : 1 map.* 8⁰. *Stockholm*, (1839-) 1840.

There is a separate title-page to the "Inledning," dated 1839, which reads :—"Öfversigt af Stockholms-traktens Natur-Beskaffenhet," *&c.*

WILBERDING (JOANNES HERMANNUS ANTONIUS) Dissertatio inauguralis medica de Aurantiis eorumque eximio usu medico, quam præside L. Heistero . . . subjiciet respondens autor, *&c.* *pp. 70 : 1 pl.* 4⁰. *Helmæstadii* [1741].

WILBRAHAM (*Sir* RICHARD) *K.C.B.* [1811-1900] Travels in the Trans-Caucasian Provinces of Russia and along the southern shore of the Lakes of Van and Urumiah in . . . 1837. *pp. xvii, 477 : 5 pls., 1 map.* 8⁰. *London*, 1839.

WILBRAND (JOHANN BERNHARD) [1779-1846] Handbuch der Botanik nach Linnés System, enthaltend die in Deutschland und in den angränzenden Gegenden wildwachsenden, und merkwürdige ausländische Gewächse ; mit Hinweisung auf die natürlichen Pflanzenfamilien, *&c.* 2 Thl. 8⁰. *Giessen*, 1819.

Wilbrand (J. B.) Allgemeine Physiologie, insbesondere vergleichende Physiologie der Pflanzen und der Thiere. *pp. xii, 452.* 8⁰. *Heidelberg, &c.*, 1833.

Wilbrand (J. B.) Die natürlichen Pflanzenfamilien in ihren gegenseitigen Stellungen, Verzweigungen und Gruppirungen zu einem natürlichen Pflanzensysteme. *pp. iv, 95.* 8⁰. *Giessen*, 1834.

WILCKE (HENRICUS CHRISTIANUS DANIEL) Dissertatio Academica de Politia naturæ, quam . . . submittit H. C. D. Wilcke, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1760.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. VI, no. 102. 8⁰. 1763.

—— —— Editio secunda, *&c.* 8⁰. 1789.

Wilcke (H. C. D.) On the Police of Nature, by C. D. Wilcke, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] Select dissertations from the Amœnitates Academicæ, *&c.* Vol. I, no. III. 8⁰. 1781.

WILCKE (SAMUEL GUSTAV) [-1791] S. G. Wilcke . . . Flora Gryphica. Exhibens Plantas circa Gryphiam intra Milliare sponte nascentes una cum nominibus et locis natalibus. *pp. 144.* 8⁰. *Gryphiæ*, 1765.

Wilcke (S. G.) S. G. Wilcke . . . Hortus Gryphicus. Exhibens Plantas, prima ejus constitutione illatas et altas una cum horti historia. *pp. xxviii, 104.* 8⁰. *Gryphiæ*, 1765.

WILCKENS (CHRISTIAN FRIEDRICH) *See* WILKENS.

WILCKENS (MARTIN) [1834-1897] Beitrag zur Kenntniss des Pferdegebisses mit Rücksicht auf die fossilen Equiden von Maragha in Persien. *pp. 28 : 8 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LII, no. 5. 4⁰. 1888.

Wilckens (M.) [Grundzüge der Naturgeschichte der Haustiere. 8⁰. *Dresden*, 1880.]

Wanting.

—— [Another edition entitled :] Martin Wilckens Grundzüge der Naturgeschichte der Haustiere. Neubearbeitet von . . . J. U. Duerst . . . Zweite Auflage. *pp. xi, 408 : text illust.* 8⁰. *Leipzig*, 1905.

WILCKENS (OTTO) [1876-] Erläuterungen zu R. Hauthals Geologischer Skizze des Gebietes zwischen dem Lago Argentino und dem Seno de la Ultima Esperanza (Südpatagonien). *pp. 22 : 8 pls., 1 map geol. col.* *See* FREIBURG IN BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. XV. 8⁰. 1907.

The map and the plates are dated 1905.

Wilckens (O.) Handbuch der Regional Geologie, herausgegeben von . . . G. Steinmann und . . . O. Wilckens. Bd. I→ *See* STEINMANN (J. H. C. G. G.) 8⁰. 1910→

Wilckens (O.)
Die Anneliden, Bivalven und Gastropoden der antarktischen Kreideformation.
Die Mollusken der antarktischen Tertiärformation.
See NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition, 1901-03, *&c.* Bd. III, lief. 12 & 13. 4⁰. 1910, 11.

Wilckens (O.) Ueber das Aussterben grosser Tiergruppen im Laufe der Erdgeschichte. 4⁰. [*Berlin*,] 1911.

Naturw. Wochenschrift. Bd. XXVI, *pp. 705-12.*

Wilckens (O.) & **Steinmann** (J. H. C. G. G.) Vorläufiger Bericht über die Bearbeitung der von der Swedischen Expedition . . . gesammelten marinen Fossilien. *See* SWEDEN. [*Voyages, &c.—Magallanes, 1895-97.*] Wissenschaftliche Ergebnisse der Schwedischen Expedition nach den Magellansländern, 1895-97, *&c.* Bd. I, no. 7. 8⁰. 1907.

Wilckens (O.) & **Steinmann** (J. H. C. G. G.) Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897. *pp. 118 : 7 pls., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. IV, no. 6. 8⁰. 1908.

WILCOCKS (JAMES C.) The Sea-fisherman, or fishing pilotage. Comprising the chief methods of hook and line fishing in the British and other seas, *&c.* *pp. 196 : 52 pls., text illust.* 8⁰. *Guernsey* (1865).

Wilcocks (J. C.) The best means of increasing the supply of Mussels and other Molluscs (Oysters excepted) used either for bait or food, *&c.* *See* LONDON. — *Great International Fisheries Exhibition, 1883.* [Fisheries Literature. Vol. XI] Prize Essays. Pt. IV, no. 16. 8⁰. 1884.

WILCOX (Earley V.) & **Chesnut** (V. K.) The Stock-Poisoning Plants of Montana: a preliminary Report. *pp. 150: 37 pls. See* United States.—*Department of Agriculture.—Botany Division.* Bulletin, no. 26. 8⁰. 1901.

WILD (John James) Thalassa, an essay on the depth, temperature, and currents of the Ocean. *pp. 140: 30 pls. col.* 8⁰. *London*, 1877.

WILDE (O.) Die Pflanzen und Raupen Deutschlands. Versuch einer lepidopterologischen Botanik. 2 Thl. *illust.* 8⁰. *Berlin*, 1860–61.

Thl. I Systematische Beschreibung der Pflanzen unter Angabe der an denselben lebenden Raupen . . . Mit einem Vorworte von . . . A. Speyer.

,, II. Systematische Beschreibung der Raupen unter Angabe ihrer Lebensweise und Entwickelungszeiten.

WILDE (*Sir* William Robert Wills) [1815–1876] Narrative of a Voyage to Madeira, Teneriffe, and along the shores of the Mediterranean, including a visit to Algiers, Egypt, Palestine, Tyre, Rhodes, Telmessus, Cyprus and Greece. With observations on . . . the climate, natural history . . . etc., of the countries visited. 2 Vol. *illust.* 8⁰. *London*, 1840.

Wilde (*Sir* W. R. W.) A Lecture on the Ethnology of the ancient Irish, *&c.* *pp. 16: text illust.* 8⁰. *Dublin*, 1844.

Dublin Literary Journal. Printed in double column.

Wilde (*Sir* W. R. W.) An Essay on the unmanufactured Animal Remains in the Royal Irish Academy: illustrative of the ancient Animals of Ireland. *pp. 31: text illust.* 8⁰. *Dublin*, 1860.

WILDEMAN (Émile de) *See* Notarisia. La Notarisia . . . Redattore E. de Wildeman, *&c.* Vol. vi–xi. 8⁰. 1891–96.

Wildeman (É. de) Études sur l'attache des Cloisons cellulaires. *pp. 84: 5 pls., text illust. See* Brussels. —Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. liii, no. 3. 4⁰. 1893–94.

Wildeman (É. de) Flore des Algues de Belgique, *&c.* *pp. xxxviii, 485: text illust.* 8⁰. *Bruxelles, Paris*, 1896.

Wildeman (É. de) Catalogue de la Flore Algologique de la Suisse. *pp. 180. See* Liege.—Société royale des sciences. Mémoires, *&c.* Sér. II, tom. xix, no. 1. 8⁰. 1897.

Wildeman (É. de) Prodrome de la Flore Algologique des Indes Néerlandaises (Indes Néerlandaises et parties des territoires de Borneo et de la Papuasie non Hollandaises). *pp. viii, 193.* 8⁰. *Batavia*, 1897.

Wildeman (É. de) Sur la réparation chez quelques Algues. *pp. 19: text illust. See* Brussels.—Académie royale des sciences, *&c.* Mémoires couronnés . . . Collection in 8⁰. Tom. lviii. 8⁰. 1899.

Wildeman (É. de) Icones selectæ Horti Thenensis. Iconographie de Plantes ayant fleuri dans les collections de M. van den Bossche . . . à Tirlemont, *&c.* Tom. i→ *illust.* 8⁰. *Bruxelles*, 1899→

Wildeman (É. de) Les Algues de la Flore de Buitenzorg, *&c.* *pp. xi, 457: 16 pls., text illust. See* Buitenzorg. Flore de Buitenzorg, *&c.* Pt. 3. 8⁰. 1900.

Wildeman (É. de) Les Plantes Tropicales de grande culture: Café, Cacao, Cola, Vanille, Caoutchouc, avec une étude sur la distribution des Plantes dans le centre de l'Afrique et des notices biographiques sur les botanistes et les voyageurs ayant contribué à la connaissance de la Flore de l'État Indépendant du Congo. *pp. iv, 304: 38 pls. back to back, text illust.* 8⁰. *Bruxelles*, 1902.

—— [Another edition.] Tom. i→ *illust.* 8⁰. *Bruxelles*, 1908→

Wildeman (É. de) Plantæ novæ vel minus cognitæ ex Herbario Horti Thenensis [the private garden of L. van den Bossche].—Plantes nouvelles ou peu connues contenues dans l'Herbier de l'Hortus Thenensis. Avec les descriptions ou annotations, *&c.* Livr. 1→ *illust.* 8⁰. *Bruxelles*, 1904→

This work is intended by Bossche to form a companion to the "Icones Selectæ," *&c.* [*q.v.*]

Wildeman (É. de) Notes sur quelques Acarophytes. *pp. 20. See* Brussels.—Société scientifique. Annales, *&c.* Tom. xxx (Mémoires). 8⁰. 1906.

Wildeman (É. de) Compagnie du Kasai. Mission permanente d'études scientifiques. Résultats de ses recherches botaniques et agronomiques mis en ordre et annotés par É. de Wildeman. *pp. viii, 463: 45 pls., 2 maps.* 4⁰. *Bruxelles*, 1910.

Wildeman (É. de) Notes sur la Flore du Katanga. 3 Pt. *illust. See* Brussels. — Société scientifique. Annales, *&c.* Tom. xxxiv, xxxvii & xxxviii (Mémoires). 8⁰. 1910–14.

Wildeman (E. de) Les Plantes alimentaires des indigènes du Congo Belge. *pp. 35. See* Brussels. — Société scientifique. Annales, *&c.* Tom. xxxvi, fasc. 1. (Mémoires.) 8⁰. 1912.

Wildeman (É. de) Les Bananiers: culture, exploitation, commerce, systématique du genre *Musa.* *pp. 81: 1 pl., text illust.* 8⁰. *Marseille & Paris*, 1913.

Ann. Mus. Colon. Marseille. Sér. II, vol. x, 1912.

Wildeman (É. de) Quelques notes sur les Articulations florales. *pp. 11. See* Brussels.—Société scientifique. Annales, *&c.* Tom. xxxvii (Mémoires). 8⁰. 1913.

Wildeman (É. de) & **Durand** (T.) Prodrome de la Flore Belge. 3 Tom. [in 2]. 8⁰. *Bruxelles*, 1898–1907.

Wildeman (É. de) & **Durand** (T.) Plantæ Thonnerianæ Congolenses, ou énumération des Plantes récoltées en 1896 par M. F. Thonner dans le district des Bangalas . . . Avec une Introduction de M. F. Thonner. *pp. xx, 49: 23 pls., 1 map.* 8⁰. *Bruxelles*, 1900.

—— Série II. Par É. de Wildeman . . . Introduction par M. F. Thonner. *pp. xvii [i,] 465 [1]: 21 pls. (1 col.), 1 map col., text illust.* 8⁰. *Bruxelles*, 1911.

Wildeman (É. de) & **Gentil** (L.) Lianes Caoutchoutifères de l'État Indépendant du Congo. *pp. xvi, 213: 36 pls. (col.), 1 map col., text illust.* 4⁰. *Bruxelles*, 1904.

WILDENBERGIUS (Hieronymus) Naturalis Scientiæ totius compendium, ex Aristotele . . . H. Barbaro . . . autore . . . Cui accessit H. Wildenbergii Aurimontani in universam Aristotelis Physicam Epitome, *&c.* *See* Barbarus (H.) 8⁰. 1548.

WILDENOW (Karl Ludwig) *See* Willdenow (C. L.)

WILDER (Burt Green) [1841-] The Wilder quarter-century book: a collection of original papers dedicated to . . . B. G. Wilder, *&c.* (—List of the more important scientific publications of B. G. Wilder, *&c.*) *See* Jordan (D. S.) *& others.* 8⁰. 1893.

Wilder (B. G.) & **Gage** (S. H.) A Guide to practical work in elementary Anatomy, Histology and experimental Physiology, *&c.* *pp.* [*i,*] *54: text illust.* 8⁰. *New York & Chicago* [1881].
Preprint of the Introduction to the authors' "Laboratory Guide."

WILDER (Frank A.) [1870-] Gypsum deposits in Iowa. *See* United States.—*Geological Survey.* Bulletin, 223. 8⁰. 1904.

Wilder (F. A.) The Lignite of North Dakota and its relation to irrigation. *pp. 59: 3 pls., 5 maps, text illust. See* United States.—*Geological Survey.* Water Supply . . . Paper No. 117. 8⁰. 1905.

Wilder (F. A.) [For official reports as State Geologist] *See* North Dakota, *State of.—Geological Survey.*

WILDERMUTH (V. L.) The Clover-Root Curculio. *See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 85, pt. iii. 8⁰. 1910.
Papers on Cereal and Forage Insects.

Wildermuth (V. L.) The Alfalfa Caterpillar. *pp. 14: text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Circular No. 133. 8⁰. 1911.

WILEY (Harvey Washington) [1850-] Composition of Maize, *&c.* *pp. 31.* 8⁰. *Washington*, 1898.
Forming Bulletin No. 50. U. S. Department of Agriculture. Division of Chemistry.

WILHELM IV., *Landgrave of Hesse Cassel* [1532-1592] Landgraf Wilhelm IV. von Hessen als Botaniker. Beitrag zur Geschichte der Botanik. *See* Kessler (H. F.) 4⁰. 1859.

WILHELM (Gottlieb Tobias) [-1811] Unterhaltungen aus der Naturgeschichte . . Insecten. 3 Thl. *illust. col.* 4⁰. *Augsburg*, 1796-98.

Wilhelm (G. T.) Unterhaltungen aus der Naturgeschichte . . . Vögel, *&c.* 2 Thl. *illust. col.* 8⁰. *Wien*, 1810.

Wilhelm (G. T.) Unterhaltungen aus der Naturgeschichte. Das Pflanzenreich. 10 Thl. *illust. col.* 4⁰. *Augsburg*, 1810-21.

WILHELM (Johann Georg) Dissertatio medica inauguralis tradens Juniperum, *&c.* *pp. 42.* 4⁰. *Argentorati*, 1718.

WILHELM (Karl Adolf) [1848-] Beiträge zur Kenntniss der Pilzgattung *Aspergillus.* Inaugural-Dissertation, *&c.* *pp. 70.* 8⁰. *Berlin & Strassburg*, 1877.

Wilhelm (K. A.) & **Hempel** (G.) Die Bäume und Sträucher des Waldes, *&c.* 3 Abth. *illust. See* Hempel (G.) & Wilhelm (K.) 4⁰. [1889-99.]

WILHELMI (Johannes) Disputatio inauguralis medica, de Terebinthina, quam . . . submittit J. Wilhelmi, *&c.* *See* Hoffmann (F.) *M.D.* 4⁰. [1699.]

WILHELMI (Julius Franz) Ueber *Planaria affinis*, Oe. *pp. 14: text illust. See* Bergen.—Bergens Museum. Bergens Museums Aarbog, *&c.* 1907, No. 4. 8⁰. 1907.

Wilhelmi (Julius F.) Tricladen. *pp. xii, 405: 16 pls. (col.), text illust. See* Naples.—*Zoologische Station.* Fauna und Flora des Golfes von Neapel, *&c.* Monog. xxxii. 4⁰. 1909.

WILKEN (Carl) Käfer-Fauna Hildesheims. *pp. xi, 164.* 8⁰. *Hildesheim*, 1867.
Separatabdruck aus dem Schul-Programm des Gymnasium Andreanum zu Hildesheim vom Jahre 1867.

WILKENS (Christian Friedrich) [1721-1784] Nachricht von seltenen Versteinerungen, vornemlich des Thier-Reiches, welche bisher noch nicht genau genug beschrieben und erkläret worden, *&c.* *pp. 32: 8 pls.* 8⁰. *Berlin & Stralsund*, 1769.

Wilkens (C. F.) P. S. Pallas . . . Charakteristik der Thierpflanzen . . . aus dem Lateinischen übersetzt, und mit Anmerkungen versehen, von C. F. Wilkens, *&c.* 2 Thl. *See* Pallas (P. S.) 4⁰. 1787.

WILKENS (H. A. J.) & **Nitze** (H. B. C.) Gold Mining in North Carolina and adjacent South Appalachian regions. *pp. 164: 10 pls., text illust. See* North Carolina, *State of.—Geological Survey.* Bulletin No. 10. 8⁰. 1897.

WILKES (Benjamin) One hundred and twenty copper-plates of English Moths and Butterflies, representing their changes into the Caterpillar, Chrysalis, and Fly states, and the Plants, Flowers, and Fruits, whereon they feed . . . With a natural history of the Moths and Butterflies . . . To which is added, an index of the Insects and Plants. *pp.* [*xxiv,*] *63, 8: 120 pls. col.* 4⁰. *London*, 1773.
Wanting Pl. xcviii. Pl. ix is lettered "xi."

WILKES (Charles) [1798-1877] Synopsis of the cruise of the U. S. Exploring Expedition, during . . . 1838-42, *&c.* *pp. 56.* 8⁰. *Washington*, 1842.

Wilkes (C.) Narrative of the . . Expedition, *&c.* *See* United States. United States Exploring Expedition . . . 1838-42. Under the command of C. Wilkes. fol. 1845.

Wilkes (C.) Narrative of the United States Exploring Expedition . . . 1838-1842, *&c.* 2 Vol. *illust. See* United States. 8⁰. 1852.

Wilkes (C.) Expedition Shells: described for the work of the United States Exploring Expedition, commanded by C. Wilkes . . . during . . . 1838-42. *See* Gould (A. A.) Otia Conchologica, *&c.* No. i. 4⁰. 1862.

—— [Another copy.] *pp. 1-32.*

WILKINS (Ernest Powell) A concise exposition of the geology, antiquities, and topography of the Isle of Wight. The geological treatise . . . by . . . E. P. Wilkins . . . the Topography . . . by J. Brion. *pp.* [*viii,*] *98: 4 pls. (1 col.), 1 relief map geol. col.* 4⁰. *London & Newport, I. W.* [1859.]

WILKINS (Henry St. Clair) [1828-1896] Reconnoitring in Abyssinia, *&c.* *pp. xvi, 409: 10 pls. col., 1 map, text illust.* 8⁰. *London*, 1870.

WILKINSON (Berdoe Sidney N.) [1849-] [For contributions to the Geology of the South Wales Coal-Field, *&c.*] *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. ix & x. 8⁰. 1907, 09.

Wilkinson (B. S. N.) [For official publications in connection with memoirs illustrating the Map] *See* Great Britain & Ireland.—*Geological Survey.—Ireland.*

WILKINSON (Caroline Catherine) [1822–1881] Weeds and Wild Flowers: Their uses, legends & literature. *pp. x, 421 : 12 pls. col., text illust.* 8⁰. *London*, 1858.

WILKINSON (Charles Smith) [1843–1891] Map of part of the counties of Polwarth and Heytesbury, Cape Otway district . . . Scale ½ in. to 1 m. *See* Victoria, *Australia.—Geological Survey.* s.sh. 1865.

Wilkinson (Charles S.) Tin-bearing country, New England. *See* New South Wales. fol. 1873.

Wilkinson (Charles S.) Geological Map of the districts of Hartley, Bowenfells, Wallerawang and Rydal. Scale 2 in. to a mile, *&c.* *See* New South Wales.—*Department of Mines.* sh. 1875.

Wilkinson (Charles S.) Geological sketch Map of New South Wales . . Scale 16 m. = 1 in. *See* New South Wales.—*Department of Mines.* sh. 1880.

—— [Another edition.] Scale 1 : 2,027,520, 32 m. = 1 in. s.sh. 1880.

Wilkinson (Charles S.) Notes on the Geology of New South Wales. *See* New South Wales.—*Department of Mines.* Mineral Products of New South Wales, *&c.* 4⁰. 1887.

Wilkinson (Charles S.) [Notes on the Geology of New South Wales.] *See* New South Wales.—*Department of Mines.* Memoirs of the Geological Survey, *&c.* Palæontology. No. 3. 4⁰. 1890.

Wilkinson (Charles S.) [For Notes on Geological and Mineralogical Specimens] *See* Queensland.—houses of parliament. Annual Report on British New Guinea, *&c.* 1888–9, append. F. 4⁰. 1890.

Wilkinson (Charles S.) Sketch Map of New South Wales shewing localities of the principal Minerals, *&c.* [Scale 1 in. = 50 m.] *See* London.—*International Exhibition of Mining & Metallurgy, 1890.* New South Wales: its Mineral Wealth, *&c.* 8⁰. 1890.

Wilkinson (Charles S.) List of Geological Specimens collected [in New Guinea] by . . . W. G. Lawes. *See* Thomson (J. P.) British New Guinea. Appendix I. 8⁰. 1892.

WILKINSON (George) Experiments and observations on the Cortex Salicis latifoliæ, or broad-leafed Willow bark; . . . with . . . remarks on the different species of the Cinchona, &c., general history . . . of the *Salix latifolia, &c.* *pp. 118.* 8⁰. *Newcastle upon Tyne*, 1803.

WILKINSON (Henry) [Report on the Geology of Lord Howe Island.] *See* New South Wales.—*Lord Howe Island.* Report on the present and future prospects of Lord Howe Island, *&c.* 4⁰. 1882.

WILKINSON (*Sir* John Gardner) [1797–1875] History of Herodotus . . . By G. Rawlinson . . . assisted by . . . Sir J. G. Wilkinson . . . Fourth edition. 4 Vol. *See* Herodotus. 8⁰. 1880.

WILKINSON (Samuel James) [1815?–1903] The British Tortrices. *pp. vii, 328 : 4 pls.* 8⁰. *London*, 1859.
Published under the auspices of H. T. Stainton as a companion volume to the "Tineina" of the "Insecta Britannica" series.

WILKINSON (Sidney Berdoe) *See* Wilkinson (B. S. N.)

WILKMAN (W. W.) [For official publications in connection with the "Kartblad"] *See* Finland.—*Finlands Geologiska Undersökning.*

WILL (H.) *of Munich.* Vegetations-Verhältnisse Süd-Georgiens. *See* Germany.—*Die Internationale Polarforschung, 1882–1883.* Die Deutschen Expeditionen, *&c.* Bd. II, no. 9. 8⁰. 1890.

WILL (Heinrich) [1812–1890] *See* Jahresbericht ueber die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Physik, Mineralogie und Geologie . . . Herausgegeben von H. Will. 1857–67. 8⁰. 1858–69.

WILL (Johann Georg Friedrich) [1815–1868] Horæ Tergestinæ, oder Beschreibung und Anatomie der im Herbste 1843 bei Triest beobachteten Akalephen, *&c.* *pp. iv, 86 : 2 pls.* 4⁰. *Leipzig*, 1844.

Will (J. G. F.) Auszug aus . . J. G. F. Will's Horæ Tergestinæ, etc., die Geschlechtsverhältnisse der Rippenquallen betreffend. *See* Steenstrup (J. J. S.) Untersuchungen über das Vorkommen des Hermaphroditismus in der Natur, *&c.* 4⁰. 1846.

WILL (Ludwig) Kolloidale Substanz als Energiequelle für die mikroskopischen Schusswaffen der Cœlenteraten. *pp. 28 : text illust.* *See* Berlin.—koeniglich-preussische akademie der wissenschaften. Abhandlungen, *&c.* Jahrg. 1914, no. 1. 4⁰. 1914.

Will (L.) & **Chun** (C.) Coelenterata. Lief. 18→ *See* Bronn (H. G.) Die Klassen und Ordnungen des Thier-Reichs, *&c.* Bd. II, abth. 2. 8⁰. 1902→

WILLAN (Robert) [1757–1812] Observations on the Sulphur-water at Croft, near Darlington. *pp. 56.* 8⁰. *London*, 1782.

WILLCOX (Joseph) On the Evolution of the Earth and the heavenly bodies. *pp. 9.* 8⁰. [*Media, Pa.*, 1893?].
Read before the Delaware County Institute of Science, Dec. 1892.

WILLDENOW (Carl Ludwig) [1765–1812] C. L. Willdenow . . . Floræ Berolinensis prodromus secundum systema Linneanum ab illustr. . . C. P. Thunbergio emendatum conscriptus. *pp. xvi, 439 : 7 pls.* 8⁰. *Berolini*, 1787.

Willdenow (C. L.) J. D. Leers Flora Herbornensis . . . Editio altera [edited by C. L. Willdenow]. *See* Leers (J. D.) 8⁰. 1789.

Willdenow (C. L.) Tractatus botanico-medicus de Achilleis, cui accedit supplementum generis Tanaceti, *pp. xii, 59 : 2 pls.* 8⁰. *Halæ Magdeburgicæ*, 1789.

Willdenow (C. L.) C. a Linné . . . Philosophia Botanica . . . Editio tertia . . . cura C. L. Willdenow, *&c.* *See* Linnæus (C.) [*Botanical Works : Phil. Bot.*] 8⁰. 1790.

Willdenow (C. L.) G. A. Honckeny Synopsis Plantarum Germaniæ . . . curante C. L. Willdenow. *See* Honckeny (G. A.) 2 Tom. 8⁰. 1792.

Willdenow (C. L.) Grundriss der Kräuterkunde zu Vorlesungen entworfen. *pp. xiv, 486 : 9 pls.* 8⁰. *Berlin*, 1792.

—— Fünfte . . . Auflage. *pp. 638 : 11 pls.* 8⁰. *Berlin*, 1810.

—— [Another edition] Nach dessen Tode neu herausgegeben mit Zusätzen von H. F. Link . . . Zweiter (—Vierter) (Praktischer) Theil. (Handbuch zur Erkennung der nutzbarsten und am häufigsten vorkommenden Gewächse von H. F. Link.) 3 Thl. 8⁰. *Berlin*, 1829–33.

Willdenow (C. L.) The Principles of Botany, and of Vegetable Physiology, translated from the German. *pp. 508 : 10 pls.* 8⁰. *Edinburgh & London*, 1805.

Willdenow (C. L.) Duæ Plantæ Africanæ descriptæ a C. L. Willdenow . . . (Ineditum). *See* USTERI (P.) Delectus opusculorum botanicorum, *&c.* Vol. II, no. 18. 8⁰. 1793.

Willdenow (C. L.) Flora Cochinchinensis . . . Denuo in Germania edita cum notis C. L. Willdenow. 2 Tom. [in 1 Vol.] *See* LOUREIRO (J. DE) 8⁰. 1793.

Willdenow (C. L.) C. L. Willdenow . . . Phytographia, seu descriptio rariorum minus cognitarum Plantarum. Fasc. I.† *pp.* [*iv*,] *15 : 10 pls.* fol. *Erlangæ*, 1794.

Willdenow (C. L.) J. Boltons Geschichte der merckwürdigsten Pilze . . . aus dem Englischen mit Anmerkungen von D. C. L. Willdenow. 4 Thl. & Atlas. *See* BOLTON (J.) 8⁰. 1795–1820.

Willdenow (C. L.) [Berlinische Baumzucht, oder Beschreibung der in der Gärten um Berlin im Freien ausdauernden Bäume und Sträucher, *&c.* 8⁰. *Berlin*, 1796.]
Wanting.

—— Zweite . . . Ausgabe, *&c.* *pp. xxii, 586 : 7 pls.* 8⁰. *Berlin*, 1811.

Willdenow (C. L.) C. a Linné. Species Plantarum . . . Editio quarta . . . curante C. L. Willdenow. Vol. I–V. [in 18.] *See* LINNÆUS (C.) [*Botanical Works : Spec. Plant.*] 8⁰. 1797–1810.

—— [MS.] Index to the genera, *&c.* *See* LINNÆUS (C.) [*Botanical Works : Spec. Plant.*] fol.

Willdenow (C. L.) D. C. L. Wildenow's . . . und A. H. Homeyer's . . . Preisschriften über die von der . . . Akademie . . . aufgegebenen Pomologischen Preisfragen. *pp. 157.* *See* ERFURT.—KOENIGLICHE AKADEMIE GEMEINNUETZIGER WISSENSCHAFTEN. Nova Acta, *&c.* Tom. II. 8⁰. 1801.

Willdenow (C. L.) D. C. L. Willdenow's . . . Bemerkungen über einige seltene Farrenkräuter. *pp. 32 : 3 pls.* *See* ERFURT.—KOENIGLICHE AKADEMIE GEMEINNUETZIGER WISSENSCHAFTEN. Nova Acta, *&c.* Tom. II. C. L. Wildenow's . . . und J. J. Bernhardi's zwey botanische Abhandlungen, *&c.* 8⁰. 1802.

Willdenow (C. L.) D. C. L. Willdenow . . . Hortus Berolinensis, sive icones et descriptiones Plantarum rariorum vel minus cognitarum, quæ in Horto Regio Botanico Berolinensi excoluntur. [Edited with an Epilogue by H. F. Link.] *110 pls. col., with descriptive letterpress.* fol. *Berolini*, [1803–] 1816.
The work was issued in parts, of which Hft. 1 & 2 appeared in 1803, and Hft. 3 in 1804 (Gött. Gelehrt. Anz. 1804, pp. 470 & 1979), each having 12 plates. Hft. 4–6, bringing the number of plates up to 72, appeared in the two following years (*op. cit.* 1807, p. 553). These, with an additional plate "A," were issued by the author in 1806 as "Tom. I." A specimen of the title-page is kept with the completed work in the Botanical Department. Three parts of Tom. II had been issued at the time of his death (Gesell. Naturf. Freunde Berlin Mag. Jahrg. VI, 1814, p. xi). The whole, with the further addition of a plan (Pl. B) of the garden as then existing, was issued as a single volume under the editorship of H. F. Link.

Willdenow (C. L.) Prodromus Floræ Neomarchicæ . . . cum præfatione C. L. Willdenow, *&c.* *See* REBENTISCH (J. F.) 8⁰. 1804.

Willdenow (C. L.) [C. L. Willdenow's . . . Anleitung zum Selbstudium der Botanik, ein Handbuch zu öffentlichen Vorlesungen. 8⁰. *Berlin*, 1804.]
Wanting.

—— Dritte Auflage . . . Herausgegeben von H. F. Link. *pp. viii, 537 : 5 pls. col.* 8⁰. *Berlin*, 1822.

Willdenow (C. L.) Observations on the genera *Juglans*, *Fraxinus*, and *Quercus* . . . with remarks of C. L. Willdenow. *See* BOTANY. Tracts relative to Botany, *&c.* 8⁰. 1805.

Willdenow (C. L.) Index Generum ad C. a Linné Species Plantarum a C. L. Willdenow editarum, in Tom. I–III et IV, Pars I, curante J. C. Hendel. *See* LINNÆUS (C.) [*Botanical Works : Spec. Plant.*] 8⁰. 1806.

Index alphabeticus generum botanicorum quotquot a Willdenovio in Speciebus Plantarum [by Linnæus] . . . recensentur, *&c.* *See* LICHTENSTEIN (A. G. G.) 8⁰. 1814.

Willdenow (C. L.) D. C. L. Willdenow . . . Enumeratio Plantarum Horti Regii Botanici Berolinensis, continens descriptiones omnium Vegetabilium in Horto dicto cultorum. *pp. vi, 1099.* 8⁰. *Berolini*, 1809.

—— Supplementum post mortem autoris editum [by D. F. L. von Schlechtendal]. *pp. x, 70.* 8⁰. *Berolini*, 1813.

Willdenow (C. L.) I. A. Schultes . . . observationes botanicæ in Linnei Species Plantarum ex editione C. L. Willdenow. *See* SCHULTES (J. A.) 8⁰. 1809.

Willdenow (C. L.) Musci frondosi exotici herbarii Willdenowiani, tum Capenses . . . tum alii quidam ex Australasiæ aliisque orbis terraquei plagis . . . relati. Descripsit . . . F. Hornschuch. *See* NEES VON ESENBECK (C. G. D.) Horæ physicæ Berolinenses, *&c.* No. VI. fol. 1820.

Willdenow (C. L.) & **others.** Abbildung der Deutschen Holzarten . . entworfen und beschrieben von C. L. Willdenow, *&c.* 2 Bd. *illust. col.* *See* GUIMPEL (F.) *& others.* 4⁰. 1815–20.

WILLDENOW (KARL LUDWIG)
See WILLDENOW (C. L.)

WILLE (C.) Historical account.—The apparatus used.—Magnetical observations. *See* NORWAY. Den Norsk Nordhavs-Expedition 1876–78. Vol. IV, V. 4⁰. 1882.

WILLE (G. AUGUST) Geognostische Beschreibung der Gebirgsmassen zwischen dem Taunus- und Vogelsgebirge, von den Lahn nach dem Main, Rhein und der Nahe, *&c.* *pp. 68, 1 tab. : 2 maps col.* 8⁰. *Mainz*, 1828.

WILLE (JOHAN NORDAL FISCHER) [1858–]
Om en ny endophytisk Alge [*Entocladia Wittrockii*]. *pp. 4 : 1 pl.*
Algologiske Bidrag. *pp. 25 : 1 pl.*
Bidrag til kundskaben om Norges Ferskvandsalger. *pp. 72 : 2 pls.*
See CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1880, no. 4, 5 & 11. 8⁰. 1881.

Wille (J. N. F.) Om Pollenkornenes Udvikling hos Juncaceer og Cyperaceer. *pp. 4.* *See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1882, no. 16. 8⁰. 1883.

Wille (J. N. F.) Bidrag til Sydamerikas Algflora. I–III. *pp. 64 : 3 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. VIII, no. 18. 8⁰. 1884.

Wille (J. N. F.) Bidrag til Algernes physiologiske Anatomi. *pp. 104 : 8 pls. (col.)* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXI, no. 12. 4⁰. 1885 (1887).

Wille (J. N. F.) Ueber die Entwickelungsgeschichte der Pollenkörner der Angiospermen und das Wachstum der Membranen durch Intussusception . . . in's Deutsche übertragen von . . . C. Müller. *pp. 71 : 3 pls.* *See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1886, no. 5. 8⁰. 1886 (1887).

Wille (J. N. F.) Beiträge zur Entwickelungsgeschichte der physiologischen Gewebesysteme bei einigen Florideen. *pp. 52 : 6 pls. (col.)* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LII, no. 2. 4⁰. 1887 (1888).

Wille (J. N. F.) Om Fucaceernes blærer. *pp. 21 : 2 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till... Handlingar, Bd. XIV, afd. III, no. 4. 8⁰. 1889.

Wille (J. N. F.) Characeæ.—Conjugatæ und Chlorophyceæ.—Nachträge, *&c.* *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. I, abth. 2 ; & Nachträge zu I. Teil, *&c.* 8⁰. 1890–91 & 1909–1910→

Wille (J. N. F.) Beiträge zur physiologischen Anatomie der Laminariaceen. *pp. 70 : 1 pl.* *See* CHRISTIANIA.—KONGELIGE NORSKE FREDERIKS UNIVERSITET. [Festskrift, *&c.*] 8⁰. 1897.

Wille (J. N. F.) Ueber die Wanderung der anorganischen Nährstoffe bei den Laminariaceen. *See* GIESENHAGEN (K. F. G.) *& others.* Botanische Untersuchungen, *&c.* 8⁰. 1899.

Wille (J. N. F.) Om Nogle Vandsoppe. *pp. 14 : 1 pl. (col.)* *See* CHRISTIANIA. — VIDENSKABS - SELSKABET. Skrifter, *&c.* 1899, no. 3. 8⁰. 1899 (1900).

Wille (J. N. F.) Algen aus dem nördlichen Tibet, von . . . S. Hedin im Jahre 1896 gesammelt. *See* PETERMANNS MITTHEILUNGEN, *&c.* Ergänzbd. XXVIII, no. 131. 4⁰. 1900.

Wille (J. N. F.) Algologische Notizen I–VI. *pp. 27.* 8⁰. [*Christiania*, 1900.]
Nyt Mag. Bd. XXXVIII.

Wille (J. N. F.) Studien über Chlorophyceen. I–VII. *pp. 46 : 4 pls. (col.)* *See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Skrifter, *&c.* 1900, no. 6. 8⁰. 1901.

Wille (J. N. F.) Die Schizophyceen der Plankton-Expedition. *See* HENSEN (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, *&c.* Bd. IV, M, f. 4⁰. 1904.

Wille (J. N. F.) Algologische Untersuchungen an der Biologischen Station in Drontheim. I–VII. *pp. 38 : 1 pl. col.* *See* DRONTHEIM.—KONGELIGT NORSKE VIDENSKABERS-SELSKAB. Det . . . Skrifter. 1906, no. 3. 8⁰. 1906 (1907).

Wille (J. N. F.) & **Kolderup-Rosenvinge** (J. L. A.) Alger fra Novaia-Zemlia og Kara-Havet, samlede paa Dijmphna-Expeditionen 1882–83, *&c.* *See* LÜTKEN (C. F.) Dijmphna-Togtets, *&c.* 8⁰. 1887.

WILLEM (VICTOR) Recherches sur les Collemboles et les Thysanoures. *pp. 144, 17 pls., text illust.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. LVIII. 4⁰. 1900.

Willem (V.) Recherches sur les Néphridies. *pp. 67 [1] : 4 pls. (col.)* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, collection in 4⁰. Sér. II, tom. II, fasc 5. 4⁰. 1910.

Willem (V.) & **Minne** (A.) Recherches expérimentales sur la circulation sanguine chez l'Anodonte. *pp. 28 : 2 pls., text illust.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. LVII. 4⁰. 1899.

Willem (V.) & **Minne** (A.) Recherches sur l'excrétion chez quelques Annélides. *pp. 72 [1] : 4 pls. (col.), text illust.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires, *&c.* Tom. LVIII. 4⁰. 1900.

WILLEM BARENTS, *Dutch Schooner.* Die zoologischen Ergebnisse der zwei in 1878 und 79 ausgeführten Fahrten des Schoners "Willem Barents," *&c.* *See* NIEDERLAENDISCHES ARCHIV FUER ZOOLOGIE. Supplement Band. 8⁰. 1881–82.

Willem Barents, *Dutch Schooner.* [For Zoological Results of the Expeditions of the "Willem Barents" 1880–84] *See* AMSTERDAM.—KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 10–13. 4⁰. 1884–86.

WILLEMET (HUBERT FÉLIX SOYER) *See* SOYER-WILLEMET.

WILLEMET (PIERRE REMI) [1735–1807] Lichenographie économique, *&c.* *See* LYONS.—ACADÉMIE DES SCIENCES, BELLES-LETTRES ET ARTS. Mémoires . . . sur l'utilité des Lichens, *&c.* 8⁰. 1787.

Willemet (P. R.) Monographie pour servir à l'histoire naturelle et botanique de la famille des Plantes Étoilées, *&c.* *pp. ciii.* 8⁰. *Strasbourg*, 1791.

Willemet (P. R.) [Phytographie Encyclopédique, ou Flore de l'ancienne Lorraine et des départments circonvoisins. 3 Vol. *pp. x, 1394, 94.* 8⁰. *Nancy*, 1805.]
Wanting.

—— [Another edition entitled :] Phytographie Encyclopédique, ou Flore économique, contenant les lois fondamentales de la Botanique, *&c.* 3 Tom. *pp. viii, 1394, 94.* 8⁰. *Paris*, 1808.
According to Pritzel this edition differs from the preceding solely in having a new title-page ; but apparently the pagination of the preliminary matter also differs.

Willemet (P. R.) & **Coste** (J. F.) Essais Botaniques, *&c.* *See* COSTE (J. F.) & WILLEMET (P. R.) 8⁰. 1778.

WILLEMOES-SUHM (RUDOLPH VON) [1847–1875] Uber einige Trematoden und Nemathelminthen. Inauguraldissertation, *&c.* *pp. 29 : 3 pls.* 8⁰. *Leipzig*, 1870.
Zeitschr. f. Wissens. Zool. Bd. XXI.

Willemoes-Suhm (R. VON) Biologische Beobachtungen über niedere Thiere, *&c.* *pp. 30 : 4 pls.* 8⁰. *Leipzig*, 1871.
Zeitschr. f. Wissens. Zool. Bd. XXI–XXII.

Willemoes-Suhm (R. VON) Challenger-Briefe von R. v. Willemoes-Suhm . . . 1872–75. Nach dem Tode des Verfassers herausgegeben von seiner Mutter. Mit einem Vorwort von Prof. Kupffer, *&c.* *pp. xii, 180 : 2 photos.* 8⁰. *Leipzig*, 1877.

WILLET (EDGAR) On a recent find of worked Flints in Tilgate Forest. *pp. 3 : 2 pls.* 8⁰. [*Lewes*, 1913.]
Sussex Archæol. Soc. Collections. Vol. LV.

WILLETT (ERNEST H.) Note on the Sussex Hill-Forts, and the Flint-Implement Factory at Cissbury. *See* DIXON (F.) The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

Willett (ERNEST H.) & **Anson** (C. V.) Oyster Culture, *&c.* *See* LONDON.—*Great International Fisheries Exhibition, 1883.* [Fisheries Literature. Vol. XI.] Prize Essays. Pt. IV, no. 13. 8⁰. 1884.

WILLETT formerly **Catt** (HENRY) [–1905] Catalogue of the Cretaceous Fossils in the Brighton Museum. Presented by H. Willett. *pp. 66.* 8⁰. *Brighton*, 1871.

Willett (Henry) The Record of the Sub-Wealden Exploration. 8⁰. *Brighton*, 1878.

Under this collective title are included some short articles from local newspapers; the First to the Fifteenth Quarterly Report (each one after the Third being separately paged); and an Appendix, as well as a plate giving the section.

Willett (Henry) The Warren-Farm Well, near Brighton. *See* Dixon (F.) The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

WILLEY (Arthur) [1867–] Untersuchung einer hahnenfedrigen Ente. *pp. 5 : 1 pl. See* Freiburg-in-Breisgau. — Naturforschende Gesellschaft. Bericht, *&c.* Bd. vi, hft. 2. 8⁰. 1891.

Willey (A.) *Amphioxus* and the ancestry of the Vertebrates . . . With a preface by H. F. Osborn. *pp. xiv, 316 : 1 pl., text illust.* 8⁰. *New York*, 1894.

Columbia University Biological Series, No. 2.

Willey (A.) Zoological Results based on material from New Britain, New Guinea, Loyalty Islands and elsewhere, collected during . . . 1895, 1896 and 1897. *pp. ix, vi, viii, 830 : 90 pls. (col.), 1 map, text illust.* [6 Pt. in 2 Vol.] 4⁰. *Cambridge*, 1898–1902.

Pt. i, 1898.
1. The anatomy and development of *Peripatus novæ-britanniæ.* By A. Willey.
2. *Metaprotella sandalensis*, n. sp. [Caprellidæ]. By P. Mayer.
3. On a little-known Sea-Snake [*Aipysurus annulatus*] from the South Pacific. By G. A. Boulenger.
4. Report on the Centipedes and Millipedes. By R. I. Pocock.
5. Account of the Phasmidæ, with notes on the eggs. By D. Sharp.
6. Scorpions, Pedipalpi and Spiders. By R. I. Pocock.

Pt. ii, 1899.
7. Report on the specimens of the genus *Millepora.* By S. J. Hickson.
8. Report on the Echinoderms. By F. J. Bell.
9. Holothurians. By F. P. Bedford.
10. Report on the Sipunculoidea. By A. E. Shipley.
11. On the solitary Corals. By J. S. Gardiner.
12. On the postembryonic development of *Cycloseris.* By J. S. Gardiner.
13. On a collection of Earthworms. By F. E. Beddard.
14. The Gorgonacea. By Isa L. Hiles.

Pt. iii, 1899.
15. Orthogenetic variation in the shells of Chelonia. By H. Gadow.
16. Enteropneusta from the South Pacific, with notes on the West Indian species. By A. Willey.
17. On a collection of Echiurids from the Loyalty Islands, New Britain and China Straits, with an attempt to revise the group and to determine its geographical range. By A. E. Shipley.

Pt. iv, 1900.
18. On the anatomy of a supposed new species of *Cœnopsammia* from Lifu. By J. S. Gardiner.
19. On the Insects from New Britain. By D. Sharp.
20. On the Stomatopoda and Macrura . . . from the South Seas. By L. A. Borradaile.
21. Report on the Slugs. By W. E. Collinge.
22. Report on the Polyzoa . . . By E. G. Philipps.
23. The Hydroid Zoophytes . . . By L. R. Thornely.
24. *Astrosclera willeyana*, the type of a new family of Sponges. By J. J. Lister.
25. A contribution towards our knowledge of the pterylography of the Megapodii. By W. P. Pycraft.
26. The Stolonifera and Alcyonacea . . . By S. J. Hickson and I. L. Hiles.
27. Report on the Xeniidæ . . . By J. H. Ashworth.

Pt. v, 1900.
28. A Description of the Entozoa . . . By A. E. Shipley.
29. On some South Pacific Nemertines . . . By R. C. Punnett.
30. On the young of the Robber Crab. By L. A. Borradaile.
31. Anatomy of *Neohelia porcellana* (Moseley). By E. M. Pratt.
32. On a new Blind Snake [*Typhlops Willeyi*] from Lifu, Loyalty Islands. By G. A. Boulenger.
33. On Crustacea . . . from the South Seas. By T. R. R. Stebbing.

Pt. vi, 1902.
34. Contribution to the natural history of the Pearly Nautilus. By A. Willey.

Willey (A.) Report on the Polychæta collected by Prof. Herdman, at Ceylon, in 1902. *See* Royal Society of London. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. iv. Supplementary Reports. No. 30. 4⁰. 1902.

Willey (A.) & **Hickson** (S. J.) The Mastigophora. *See* Lankester (*Sir* E. R.) *K.C.B.* A Treatise on Zoology, *&c.* Pt. i, fasc. 1. Introduction and Protozoa. 8⁰. 1909.

WILLIAMS (Albert) Mineral Resources of the United States [Statistical papers]. [1882–] 1883-84. *See* United States.—*Geological Survey.* 8⁰. 1883-85.

WILLIAMS (Benjamin Samuel) [1824–1890] [The Orchid-Grower's Manual, containing descriptions of the best species and varieties of orchidaceous plants, *&c.* 8⁰. *London*, 1852.]

Wanting.

—— Sixth edition, *&c. pp. xiv, 659 : 71 pls., text illust.* 8⁰. *London*, 1885.

Williams (B. S.) Select Orchidaceous Plants . . . The notes on Culture by B. S. Williams. *See* Warner (R.) fol. 1862–65.

—— Second Series. fol. 1865–75.

—— Third Series. fol. [1877–91.]

Williams (B. S.) Select Ferns and Lycopods: British and Exotic. Comprising descriptions of 900 . . . species and varieties accompanied by directions for their management in the tropical, temperate and hardy fernery, *&c. pp. viii, 343 : 15 pls.* 8⁰. *London*, 1868.

Williams (B. S.) & **others.** The Orchid Album . . . Conducted by . . . B. S. Williams, *&c.* Vol. i–ix. *See* Warner (R.) *& others.* 4⁰. 1882–91.

WILLIAMS (Charles) [fl. 1828–1835] The Vegetable World . . . Second edition, *&c. pp. iv, 321 : 1 pl.* 6⁰. *London*, 1833.

The first edition appeared earlier in the same year.

WILLIAMS (Charles Hanson Greville) [1829–1910] A Handbook of Chemical Manipulation. (Supplement.) *pp. xv, 580 (88) : text illust.* 8⁰. *London*, 1857, 79.

WILLIAMS (D. H.) A Geological Report on the Damoodah Valley. *pp. 131 : 1 pl. col., text illust.* 8⁰. *London*, 1850.

WILLIAMS (Edward Higginson) [1849–] A Manual of Lithology. *pp. x, 135.* 8⁰. *New York*, 1886.

—— Second edition. *pp. v, 418 : 6 pls.* 8⁰. *New York*, 1895.

WILLIAMS (Ernest) [The Coal fields of South Africa.] *See* Cape Colony. Illustrated Official Handbook of the Cape, *&c.* 8⁰. 1893.

WILLIAMS (Francis H.) A Text Book of Pharmacology, Therapeutics & Materia Medica . . . adapted to the United States Pharmacopœia by F. H. Williams . . . Third edition. *See* Brunton (T. L.) 8⁰. 1887.

WILLIAMS (Frederic Newton) [1862–] Provisional . . . List of the orders and families of British Flowering Plants. *pp. 8.* 8⁰. (*Brentford*, 1895.)

—— Second edition. *pp. 8.* 8⁰. (*Brentford*, 1898.)

Williams (Frederic N.) Prodromus Floræ Britannicæ. [Vol.] i→ 8⁰. *Brentford*, 1901→

WILLIAMS (Gardner Fred.) [1842–] The Diamond Mines of South Africa. 2 Vol. *illust.* 8⁰. *New York*, 1906.

WILLIAMS (George Huntington) [1856–1894] The Gabbros and associated Hornblende Rocks occurring in the neighbourhood of Baltimore, Md. *pp. 78 : 3 pls. col., 1 map col., text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 28. 8⁰. 1886.

Williams (George H.) Some modern aspects of Geology. 8⁰. [*New York*, 1889.]

Popular Science Monthly, 1889, *pp. 640–648.*

Williams (George H.) Elements of Crystallography, *&c. pp. viii, 250 : 2 pls., text illust.* 8⁰. *New York*, 1890.

Williams (George H.) The Greenstone Schist areas of the Menominee and Marquette regions of Michigan, *&c. pp. 241 : 16 pls., text illust. See* United States. —*Geological Survey.* Bulletin, *&c.* No. 62. 8⁰. 1890.

Williams (George H.) Notes on the microscopical character of Rocks from the Sudbury mining district, Canada. *See* Canada. — *Geological Survey.* Annual Report, Vol. v, pt. 1, 1890–91, F. Appendix 1. 8⁰. 1891.

Williams (George H.) Guide to Baltimore, with an account of the Geology of its environs. [Edited with a preface by G. H. Williams.] *See* American Institute of Mining Engineers. 8⁰. 1892.

Williams (George H.) G. H. Williams. The Minutes of a Commemorative Meeting, *&c. pp. 19 : 1 port.* 8⁰. *Baltimore*, 1894.

Williams (George H.) & **Clark** (W. B.) Outline of the Geology and Physical Features of Maryland, *&c. pp. viii, 67 : 11 pls., 6 maps col.* 4⁰. *Baltimore*, 1893.
From the "World's Fair Book on Maryland."
The map is on the scale of 1 : 500,000, or 1 in. = 8 m.

WILLIAMS (Henry) & **others.** The Orchid Album . . . Conducted by . . . H. Williams, *&c.* Vol. I–IX. *See* Warner (R.) *& others.* 4⁰. 1882–91.

WILLIAMS (Henry Shaler) [1847–] The bones, ligaments, and muscles, of the Domestic Cat (*Felis catus*, Linn.). The plates . . . are . . . reduced . . . from . . . H. Straus-Durckheim's "Anatomie Descriptive et Comparative du Chat," Paris, 1845 . . . The text by H. S. Williams. *pp. 86.* Atlas, *12 pls.* 8⁰. & fol. *New York*, 1875.
Printed in double column.

Williams (Henry S.) The life-history of *Spirifer lævis. pp. 21 : 1 pl.* 8⁰. [*New York*, 1882.]
Ann. New York Acad. Sci. Vol. II.

Williams (Henry S.) On the Fossil Faunas of the Upper Devonian along the Meridian of 76°30′, *&c. pp. 36. See* United States. — *Geological Survey.* Bulletin, *&c.* No. 3. 8⁰. 1884.

Williams (Henry S.) On the Fossil Faunas of the Upper Devonian, the Genesee section, New York. *pp. 105, 1 tab. : 2 pls., 1 map. See* United States.— *Geological Survey.* Bulletin, *&c.* No. 41. 8⁰. 1887.

Williams (Henry S.) Correlation papers. Devonian and Carboniferous. *pp. 279. See* United States.— *Geological Survey.* Bulletin, *&c.* No. 80. 8⁰. 1891.

Williams (Henry S.) Geological Biology. An introduction to the geological history of organisms. *pp. xix, 395 : text illust.* 8⁰. *New York*, 1895.

Williams (Henry S.) The correlation of Geological Faunas, a contribution to Devonian palæontology. *pp. 147 : 1 pl. See* United States. — *Geological Survey.* Bulletin, *&c.* No. 210. 8⁰. 1903.

Williams (Henry S.) Recurrent *Tropidoleptus* zones of the Upper Devonian in New York. *pp. 103, 1 tab. : 6 pls., text illust. See* United States. — *Geological Survey.* Professional Paper 79. 4⁰. 1913.

Williams (Henry S.) & **Grégory** (H. E.) Contributions to the Geology of Maine. *pp. 212 : 13 pls., 1 map geol. col., text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 165. 8⁰. 1900.

Williams (Henry S.) & **Kindle** (E. M.) Contributions to Devonian Paleontology 1903. *pp. 144, 4 tabs. : 4 pls., text illust. See* United States. — *Geological Survey.* Bulletin No. 244. 8⁰. 1905.

WILLIAMS (J. J.) The Isthmus of Tehuantepec : being the results of a survey . . . With a résumé of the geology, climate, local geography . . . fauna and flora of that region . . . arranged . . . by J. J. Williams. *pp. 295 : 16 pls., 1 map.* Atlas, *8 maps.* 8⁰. *New York*, 1852.

WILLIAMS (John) [1730–1797] The Natural History of the Mineral Kingdom. In three parts, *&c.* 2 Vol. 8⁰. *Edinburgh*, 1789.

—— Second edition. 2 Vol. *1 pl.* 8⁰. *Edinburgh*, 1810.
For an "Analysis" of this work, *See* Mawe (J.) The Mineralogy of Derbyshire, *&c.* 1802.

WILLIAMS (John Francis) [1862–1891] The Igneous Rocks of Arkansas. *pp. xv, 457 : 21 pls., 7 maps, text illust. See* Arkansas, *State of.* — *Geological Survey.* Annual Report, *&c.* 1890, Vol. II. 8⁰. 1891.

WILLIAMS (Joseph William) *See* Naturalists' Monthly . . . Edited by J. W. Williams. Vol. I, no. 1–6. 4⁰. 1887–88.

Williams (Joseph W.) The Shell-Collector's Handbook for the field. *pp. xii, 148 : text illust.* 8⁰. *London*, 1888.
The descriptive portion is interleaved.

WILLIAMS (Leonard Worcester) The Anatomy of the Common Squid, *Loligo Pealii*, Lesueur. *pp. xv, 92 : 6 pls. (col.), text illust.* 8⁰. *Leiden* [1909].

WILLIAMS (Samuel G.) Applied Geology. A treatise on the industrial relations of geological structure ; and on the nature, occurrence, and uses of substances derived from geological sources. *pp. xii, 386 : text illust.* 8⁰. *New York*, 1886.
Appleton's Science Text-books.

WILLIAMS (Samuel Wells) [1812–1884] List (prepared by A. Gray) of dried Plants collected in Japan, by S. W. Williams, *&c. See* United States. Narrative of the Expedition . . . to the China Seas, *&c.* Vol. II. 4⁰. 1856.

WILLIAMS (Thomas) Report on the British Annelida. 8⁰. *London*, 1852.
Rept. British Assoc. 1851 (1852). *pp. 159–272 : 10 pls.*

WILLIAMS (Thomas Albert) Grasses and Forage Plants of the Dakotas. *pp. 47 : text illust. See* United States. — *Department of Agriculture.* — *Agrostology Division.* Bulletin, No. 6. 8⁰. 1897.

Williams (T. A.) A report upon the Grasses and Forage Plants . of the eastern Rocky Mountain region. *pp. 78 : text illust. See* United States.— *Department of Agriculture.* — *Agrostology Division.* Bulletin, No. 12. 8⁰. 1898.

Williams (T. A.) [For descriptions of Plants, *&c.*] *See* Greene (E. L.) *& others.* Plantæ Bakerianæ. Vol. I→ 8⁰. [1901→]

Williams (T. A.) [For official reports on Agrostology] *See* United States. — *Department of Agriculture.* — *Agrostology Division.*

WILLIAMS (William Mattieu) [1820–1892] Explosive compounds. *See* Bevan (G. P.) British manufacturing Industries. 8⁰. 1876.

—— Second edition. 8⁰. 1878.

WILLIAMS (William Robert Worthington) [For assistance in the Flora of Woolwich and Kent] *See* South Eastern Union of Scientific Societies. A Survey and Record of Woolwich and West Kent, *&c.* Botany. 8⁰. 1909.

WILLIAMSON (Alexander) [1829-1890] Chih wu hsüeh. Li Shenlan shu. [The Elements of Botany. Transcribed by Li Shenlan.] 8⁰. [*Chefoo?* 1859.]

WILLIAMSON (Andrew) Sport and Photography in the Rocky Mountains. *pp. vi, 55 : 18 photo. pls.* fol. (*Edinburgh,*) [1885.]

WILLIAMSON (George) Observations on the Human Crania contained in the Museum of the Army Medical Department, Fort Pitt, Chatham. *pp. 87 : text illust.* 8⁰. *Dublin*, 1857.
Dublin Quart. Journ. Med. Sci. 1857.

WILLIAMSON (Hugh) [1735-1819] Observations on the climate in different parts of America, compared with the climate in corresponding parts of the other continent. To which are added, remarks on the different complexions of the Human Race; with some account of the Aborigines of America. Being an introductory discourse to the history of North-Carolina. *pp. viii, 199 : text illust.* 8⁰. *New York*, 1811.

WILLIAMSON (John) *Angler.* The British Angler . . . comprehending . . . an exact description of the several kinds of Fish that are found in the rivers, and on the sea coasts of Great Britain, *&c. pp. viii, 318 [10] : 3 pls.* 12⁰. *London* [1740?]

WILLIAMSON (John) *Botanist* [-1884] Ferns of Kentucky with . . . etchings and . . . wood cuts . . . illustrating structure, fertilization, classification, genera, and species. *pp. v, 154 : 60 pls., text illust.* 8⁰. *Louisville, Ky.*, 1878.

WILLIAMSON (Robert Stockton) Report of explorations in California for railroad routes, to connect with the routes near the 35th and 32nd parallels, *&c.*—Report of . . . explorations . . . from the Sacramento Valley to the Columbia River, *&c. See* United States. —*Pacific Railroad Survey.* Reports, *&c.* Vol. v & vi. 4⁰. 1856-57.

WILLIAMSON (Thomas) Oriental Field Sports; being a . . . description of the wild sports of the East; and exhibiting . . . the natural history of the Elephant . . . and other undomesticated animals: as likewise the different species of feathered game, fishes and serpents . . . The whole taken from the manuscript and designs of Capt. T. Williamson . . . The drawings by S. Howett. *pp. [iv,] ii, 150 : 40 pls. col.* fol. *London*, 1807.
Printed in double column.

WILLIAMSON (William Crawford) [1816-1895] Algæ. *See* Buxton (R.) A Botanical Guide to the Flowering Plants . . . and Algæ . . . of Manchester, *&c.* (Appendix.) 8⁰. 1849.

Williamson (W. C.) On the recent Foraminifera of Great Britain, by W. C. Williamson. *See* Ray Society. 4⁰. 1858.

Williamson (W. C.) A History of Infusoria . . . Fourth edition. Enlarged and revised by . . . W. C. Williamson, *&c. See* Pritchard (A.) 8⁰. 1861.

Williamson (W. C.) On the structure of the woody zone of an undescribed form of Calamite. 8⁰. *London*, 1869.
Mem. Lit. Phil. Soc. Manchester. Ser. III, vol. iv. *pp. 155-183 : 5 pls. col.*

Williamson (W. C.) The natural history of paving stones. A lecture, *&c. See* Science Lectures for the People. Second Series, *&c.* No. 6. 8⁰. 1871.

—— [Another edition.] 8⁰. 1884.

Williamson (W. C.) On the organization of the Fossil Plants of the Coal-measures. Pt. i-xix [in 2 Vol.] 4⁰. *London*, 1871-95.
Phil. Trans. Roy. Soc. Lond. Vol. clxi-clxxxiv.

Williamson (W. C.) [Earthquakes and Volcanoes. A lecture, *&c. See* Science Lectures, *&c.* Ser. V, no. 6. 8⁰. 1874.]
Wanting.

—— [Another edition.] 8⁰. 1885.

Williamson (W. C.) The Dawn of Animal Life: a lecture, *&c. pp. 32 : text illust.* 8⁰. *London & Glasgow*, 1875.

Williamson (W. C.) Coals and Coal Plants: a lecture, *&c. pp. 35 : text illust.* 8⁰. *London & Glasgow*, 1876.

Williamson (W. C.) [The Succession of Life on the Earth. Three lectures, *&c. See* Science Lectures, *&c.* Ser. VIII. 8⁰. 1876.]
Wanting.

—— —— [Another edition.] 8⁰. 1877.

—— [Another edition.] *pp. 61 : text illust.* 8⁰. *London*, 1877.

—— [Another edition.] *See* Science Lectures, *&c.* Ser. VIII. 8⁰. 1885.

Williamson (W. C.) [Insectivorous Plants. A lecture, *&c. See* Science Lectures, *&c.* Ser. X, no. 4. 8⁰. 1878.]
Wanting.

—— [Another edition.] 8⁰. 1883.

Williamson (W. C.) On Goethe as botanist and osteologist. *pp. 14.* 8⁰. [*London,*] 1887.
Publications of the English Goethe Society. No. 5.

Williamson (W. C.) A Monograph on the morphology and histology of *Stigmaria ficoides. See* Palæontographical Society. 4⁰. 1887.

Williamson (W. C.) General, morphological, and histological Index to the author's collective Memoirs on the Fossil Plants of the Coal Measures. 2 Pt. 8⁰. *Manchester*, 1891, 93.
Mem. Manchester Lit. & Phil. Soc. Ser. IV, vol. iv & vii.
Pt. iii appeared in the following volume of the same serial.

Williamson (W. C.) [Manuscript Catalogue of the Williamson Collection. Carboniferous Flora.] 2 Vol. obl. fol.

WILLICH (Christianus Ludovicus) [1718-1773] C. L. Willich . . . de Plantis quibusdam observationes. *pp. [iv,] 76.* 8⁰. *Gottingæ*, 1762.

Willich (C. L.) C. L. Willich . . . illustrationes quædam botanicæ, *&c. pp. 55.* 8⁰. *Gottingæ*, 1766.

WILLICH (Mauritius Ulricus) Observationes Botanicæ, quas . . . defendet præses . . . respondente M. U. Willich, *&c. See* Weigel (C. E.) 4⁰. [1772.]

WILLICHIUS (Christianus) Spicilegium anatomico-botanicum generale de machinæ Plantanimalis œconomia analogica . . . respondente C. Willichio. *See* Winslow (J. B.) 4⁰. [1694.]

WILLIELMUS, *de Rubruquis* [*c.* 1220-*c.* 1293] The Journey of William of Rubruck to the eastern parts of the World, 1253-55, *&c. See* Hakluyt Society. Works, *&c.* Ser. II, no. 4. 8⁰. 1900.

WILLIGEN (Volkert Simon Maarten van der) [1822–1878] Mémoires de Physique, *&c.* 4⁰. *Harlem*, 1869–74.
Archiv. Musée Teyler. Vol. II & III.

WILLIMOTT (Charles William) [1852–] Notes on some of the Mines in the Province of Quebec. 1882. *pp. 14. See* Canada.—*Geological Survey.* Report of Progress. 1880–82, G G. 8⁰. 1883.

Willimott (C. W.) Report on observations in 1883, on some Mines and Minerals in Ontario, Quebec and Nova Scotia. *pp. 28. See* Canada.—*Geological Survey.* Report of Progress. 1882–84, L. 8⁰. 1884 (1885).

WILLIS (Bailey) [1857–] The Lignites of the Great Sioux reservation: a report on the region between the Grand and Moreau Rivers, Dakota. *pp. 16: 3 pls., 2 maps (1 col.), text illust. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 21. 8⁰. 1885.

Willis (B.) Changes in river courses in Washington Territory due to glaciation. *pp. 10: 4 pls. See* United States.—*Geological Survey.* Bulletin, *&c.* No. 40. 8⁰. 1887.

Willis (B.) The northern Appalachians. *See* National Geographic Society. The Physiography of the United States, *&c.* 8⁰. 1896.

Willis (B.) Physiography and deformation of the Wenatchee-Chelan district, Cascade Range. *See* United States.—*Geological Survey.* Professional Paper No. 19. 4⁰. 1903.

Willis (B.) Early Man in South America. *pp. xv, 405: 66 pls., 2 maps, text illust. See* Smithsonian Institution.—*Bureau of American Ethnology.* Bulletin LII. 8⁰. 1912.

Willis (B.) Index to the Stratigraphy of North America . . . accompanied by a Geologic Map of North America, *&c. pp. 894, 5 tabs.: 1 map geol. col., text illust. See* United States.—*Geological Survey.* Professional Paper 71. 4⁰. 1912.
The map in 4 sheets is on the scale of 1 : 5,000,000, *i.e.* 1 in. = 79 m. about.

Willis (B.) Report on an investigation of the Geological Structure of the Alps. *pp. 13: text illust. See* Smithsonian Institution. Smithsonian Miscellaneous Collections. Vol. LVI, no. 31. 8⁰. 1912.

Willis (B.) & **Salisbury** (R. D.) Outlines of Geologic History, with especial reference to North America. A series of essays, *&c. pp. viii, 306, 1 tab.: text illust.* 8⁰. *Chicago*, 1910.

Willis (B.) & **others.** Research in China. 3 Vol. & Atlas. 4⁰. & fol. *Washington, D.C.*, 1906–13.
Carnegie Institution of Washington. Publication No. 54.
Vol. I. *pp. xiv, 528, xxiv: 55 pls. (col.), 8 maps (col.), text illust.* 1907.
Pt. 1. Descriptive Topography and Geology, by B. Willis, E. Blackwelder, and R. H. Sargent.
" 2. Petrography and Zoology, by E. Blackwelder. Syllabary of Chinese sounds, by F. Hirth.
Atlas. Geographical and Geological Maps. *42 maps (col.), with illust.* 1906.
Vol. II. *pp. v, 133, v: 9 maps col.* 1907.
Systematic Geology, by B. Willis.
" III. *pp. iv, 375: 29 pls., text illust.* 1913.
The Cambrian Faunas of China, by C. D. Walcott.
A Report on Ordovician Fossils, collected in eastern Asia in 1903–04, by S. Weller.
A Report on Upper Paleozoic Fossils, collected in China, in 1903–04, by G. H. Girty.

WILLIS (John Christopher) [1868–] A Manual and Dictionary of the Flowering Plants and Ferns. 2 Vol. 8⁰. *Cambridge*, 1897.

—— Second edition, *&c. pp. xii, 670: 1 map, text illust.* 8⁰. *Cambridge*, 1904.
Camb. Nat. Sci. Manuals. Biol. Series.

Willis (J. C.) [For official Reports as Director] *See* Péradeniya, *Ceylon.—Royal Botanic Gardens.*

WILLIS (Robert) [1779–1878] Elements of Physiology . . . Translated from the German, with additions by R. Willis. *See* Wagner (R.) 8⁰. 1844.

WILLIS (Thomas) [1621–1675] Description de quelques Animaux. (Extrait de l'Ouvrage . . . De Anima Brutorum.) *See* Collection Académique, *&c.* Partie Étrangère. Tom. IV. 4⁰. 1757.

WILLISTON (Samuel Wendall) [1852–] Diptera. *See* Kingsley (J. S.) The Standard Natural History, *&c.* Vol. II. 4⁰. 1885.

Williston (S. W.) Synopsis of the North American Syrphidæ. *pp. xxx, 335: 12 pls. See* United States National Museum. Bulletin, *&c.* No. 31. 8⁰. 1886.

Williston (S. W.) [Synopsis of the families and genera of North American Diptera (exclusive of the genera of the Nematocera and Muscidæ sens. lat.), with Bibliography and new species, 1878–1888. 8⁰. *New Haven*, 1889.]
Wanting.

—— [Second edition entitled: Manual of the families and genera of North-American Diptera. 8⁰. *New Haven*, 1898.]
Wanting.

—— [Third edition entitled:] Manual of North American Diptera . . . Third edition. *pp. 405: 7 pls., text illust.* 8⁰. *New Haven & London*, 1908.
The following authors contributed to this edition:—
Table of Genera [of the Chironomidæ]. By O. A. Johannsen.
Family Blepharoceridæ. By V. L. Kellogg.
" Tabanidæ. By J. S. Hine.
" Empididæ. By A. L. Melander.
" Dolichopodidæ. By J. M. Aldrich.
This family was also described by Aldrich, in the second edition.
Family Phoridæ. By C. T. Brues.
Table of Genera [of the Ortalididæ]. By W. A. Snow; revised.
Snow also assisted in the preparation of the Ortalidæ of the second edition.
Table of Genera [of the Anthomyidæ]. Revised by C. F. Adams.
Table of Genera [of the Dexiidæ]. By C. F. Adams.
Notes on the Figures [of the Dexiidæ]. By C. H. T. Townsend.
Table of Genera [of the Tachinidæ]. By C. F. Adams.
Notes [on the Tachinidæ]. By C. H. T. Townsend.
The families of the Dexiidæ and Tachinidæ were omitted in the second edition.
Prof. Adams aided largely in other parts of the work, especially the Cyclorrhapha: and C. H. T. Townsend contributed notes on many genera.

Williston (S. W.) [Diptera of Central America.] *See* Godman (F. D.) & Salvin (O.) Biologia Centrali-Americana, *&c.* Zoology. Diptera Vol. I, Supplement; & Vol. III. 4⁰. 1891–1903.

Williston (S. W.) [Fossil Reptilia, revised and extended by S. W. Williston.] *See* Zittel (K. A. von) Text-Book of Palæontology . . . English edition, *&c.* Vol. II. 8⁰. 1902.

Williston (S. W.) On the Skeleton of *Nyctodactylus*, with Restoration. 8⁰. [*Baltimore, Md.*,] 1902.
Reprinted from the Amer. Journ. of Anatomy. Vol. I, no. 3, *pp. 297–305.*

Williston (S. W.) The Skull of *Labidosaurus.* 8⁰. [*Baltimore*,] 1910.
Amer. Journ. Anatomy. Vol. X.

Williston (S. W.) American Permian Vertebrates. *pp. [i,] 145: 39 pls., text illust.* 8⁰. *Chicago, Illinois* (1911).

WILLKOMM (Heinrich Moritz) [1821–1895] Recherches sur l'organographie et la classification des Globulariées. *pp. 32: 4 pls.* fol. *Leipsick*, 1850.

Willkomm (H. M.) Die Strand- und Steppengebiete der Iberischen Halbinsel und deren Vegetation. Zur Habilitation, *&c.* [Thesis.] *pp. 171 : 3 pls., 1 map.* 8⁰. *Leipzig*, 1852.

Wanting the plates and map.

Willkomm (H. M.) Icones et descriptiones Plantarum novarum criticarum et rariorum Europæ austro-occidentalis præcipue Hispaniæ. 2 Vol. *illust.* fol. *Lipsiæ*, 1852-56 [-62].

Issued in 19 parts, of which Vol. I [Sileneæ and Alsineæ], fasc. 1, *pp. 1-16, pls. i-vii* appeared in 1852; fasc. 2-4, *pp. 17-40, pls. viii-xxviii* in 1853; fasc. 5-8, *pp. 41-80, pls. xxix-lii* in 1854; fasc. 9, *pp. 81-104, pls. liv-lxiii* in 1855; fasc. 10, *pp. 105-123, pls. lxiv-lxxiii* in 1856; Vol. II, Cistinearum orbis veteris descriptio, *&c.*, fasc. 11, *pp. 1-24, pls. lxxiv-lxxxiii* in 1857; fasc. 12 & 13, *pp. 25-56, pls. lxxxiv-ci* in 1858; fasc. 14-16, *pp. 57-96, pls. cii-cxxviii* in 1859; fasc. 17 & 18, *pp. 97-120, pls. cxxix-cxlviii* in 1861; & fasc. 19, *pp. 121-182, pls. cxlix-clviii* in 1862.

Willkomm (H. M.) Anleitung zum Studium der wissenschaftlichen Botanik nach den neuesten Forschungen. Ein Handbuch, *&c.* 2 Tbl. 8⁰. *Leipzig*, 1854.

Willkomm (H. M.) Die Korkeiche in Spanien. *See* Meyer (C. A.) Ideen zur Anpflanzung der Korkeiche in der Krym, *&c.* 8⁰. 1856.

Extracted from the author's article "Die Laubwälder an der Meerenge von Gibraltar" that appeared in "Ausland," for 1856.

Willkomm (H. M.) [Deutschlands Laubhölzer im Winter, *&c.* 4⁰. *Leipzig*, 1858.]

Wanting.

—— Zweite Ausgabe. *pp.* [*iv*,] *56, 1 tab. : text illust.* 4⁰. *Dresden*, 1864.

Willkomm (H. M.) Führer in's Reich der Deutschen Pflanzen, eine leicht verständliche Anweisung die in Deutschland wild wachsenden und häufig angebauten Gefässpflanzen schnell und sicher zu bestimmen. *pp. x, 678 : 7 pls., text illust.* 8⁰. *Leipzig*, [1862-] 1863.

—— [Another edition entitled:] Führer in das Reich der Pflanzen Deutschlands, Österreichs und der Schweiz . . Zweite . . . Auflage, *&c.* *pp. xii, 928 : 7 pls., text illust.* 8⁰. *Leipzig*, 1882.

Willkomm (H. M.) Series inconfecta Plantarum indigenarum Aragoniæ præcipue meridionalis . . . E lingua Castellana in Latinam vertit . . . observationibus suis auxit atque edendam curavit M. Willkomm. *See* Loscos y Bernal (F.) & Pardo y Sastrón (J.) 8⁰. 1863.

Willkomm (H. M.) Die mikroskopischen Feinde des Waldes. Naturwissenschaftliche Beiträge zur Kenntniss der Baum- und Holzkrankheiten, *&c.* 2 Hft. *pp. x, 228 : 14 pls. (col.)* 8⁰. *Dresden*, 1866-67.

Willkomm (H. M.) Ueber den gegenwärtigen Stand und Umfang der Botanischen Wissenschaft . . . Antrittsvorlesung, *&c.* *pp. 24.* 8⁰. *Dorpat*, 1868.

Willkomm (H. M.) Forstliche Flora von Deutschland und Oesterreich, oder forstbotanische und pflanzengeographische Beschreibung aller im Deutschen Reich und Oesterreichischen Kaiserstaat heimischen und im Freien angebauten Holzgewächse. Nebst einem Anhang der forstlichen Unkräuter und Standortsgewächse, *&c.* *pp. vi, 871.* 8⁰. *Leipzig & Heidelberg*, 1875.

—— Zweite . . . Auflage. *pp. x, 968.* 8⁰. *Leipzig*, 1887.

Willkomm (H. M.) Spanien und die Balearen. Reiseerlebnisse und Naturschilderungen, nebst wissenschaftlichen Zusätzen und Erläuterungen . . . Neue Ausgabe. *pp. x, 350 : 1 map.* 8⁰. *Berlin*, 1879.

Willkomm (H. M.) Zur Morphologie der samentragenden Schuppe des Abietineenzapfens. *pp. 16 : 1 pl. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. XLI, pt. II, no. 5. 4⁰. 1880.

Willkomm (H. M.) Illustrationes Floræ Hispaniæ insularumque Balearium. Figures de Plantes nouvelles ou rares (Figuras de Plantas nuevas), *&c.* 2 Tom. fol. *Stuttgart*, 1881-92.

The descriptions of the species are in Latin and occupy the full page: the notes are in Latin and Spanish in parallel columns.

Willkomm (H. M.) Der Wald . . . Dritte Auflage . . . verbessert von M. Willkomm, *&c.* *See* Rossmaessler (E. A.) 8⁰. 1881.

Willkomm (H. M.) Ueber die Grenzen des Pflanzen- und Thierreichs und den Ursprung des organischen Lebens auf der Erde, *&c.* *pp. 31.* 8⁰. *Prag*, 1888.

Willkomm (H. M.) Supplementum Prodromi Floræ Hispanicæ, *&c.* *See* Willkomm (H. M.) & Lange (J. M. C.) 8⁰. 1893.

Willkomm (H. M.) Grundzüge der Pflanzenverbreitung auf der Iberischen Halbinsel. *pp. xiv, 395 : 2 pls., 2 maps col., text illust.* *See* Engler (A.) Die Vegetation der Erde, *&c.* No. I. 8⁰. 1896.

Willkomm (H. M.) & **Lange** (J. M. C.) Prodromus Floræ Hispanicæ, seu Synopsis methodica omnium Plantarum in Hispania sponte nascentium vel frequentius cultarum quæ innotuerunt. 3 Vol. [in 2.] 8⁰. *Stuttgartiæ*, 1861-80.

—— Supplementum . . . sive enumeratio et descriptio omnium Plantarum inde ab anno 1862 usque ad annum 1893 in Hispania detectarum quæ innotuerunt auctori, adjectis locis novis specierum jam notarum auctore M. Willkomm. *pp. ix, 370.* 8⁰. *Stuttgartiæ*, 1893.

WILLMOTT (Arthur B.) [1867-] & **Coleman** (A. P.) The Michipicoten Iron Ranges. *pp. 47 : 2 maps geol. col.* *See* Toronto.—University. Studies. Geological Series, *&c.* No. 2. 8⁰. 1902.

WILLOUGHBY (Francis) *See* Willughby.

WILLOUGHBY (*Sir* Hugh) [-1554?] The Voyages of Sir H. Willoughby, R. Chancelor, and others, to the northern parts of Russia and Siberia. *See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. I. 4⁰. 1808.

WILLOUGHBY (*Sir* John Christopher) *Bart.* [1859-] East Africa and its Big Game. The narrative of a sporting trip from Zanzibar to the borders of the Masai . . . With postscript by Sir R. G. Harvey, *&c.* *pp. xi, 312 : 18 pls., 1 map col.* 8⁰. *London*, 1889.

Appendix I:—List of Fauna found chiefly in the plains round Kilimanjaro. Compiled by H. C. V. Hunter.

WILLS (A. W.) [The Algæ of the Birmingham District.] *See* British Association, *&c.* Handbook of Birmingham. 8⁰. 1886.

WILLS (George S. Valentine) Manual of vegetable materia medica . . . Second edition. *pp. 143 : 24 pls. (col.), 1 map.* 8⁰. *London*, 1877.

The first edition appeared earlier in the same year.

WILLS (William John) [1834-1861] [Australian explorations.] *See* Davis (J.) *of Adelaide.* Tracks of McKinlay, *&c.* 8⁰. 1863.

WILLSHIRE (William Hughes) [1816?-1899] The Principles of Botany; Structural, functional, and systematic, *&c.* *pp. xii, 232 : text illust.* 12⁰. *London*, 1840.

WILLUGHBY (Francis) [1635–1672] A Relation of a Voyage made through a great part of Spain by F. Willughby; containing the chief observables he met with there, collected out of his notes. *See* Ray (J.) Observations, *&c.* 8⁰. 1673.

—— [Second edition.] *See* Ray (J.) Travels through the Low-Countries . . . By . . . J. Ray. To which is added an account of the travels of F. Willughby, Esq; through great part of Spain. The second edition, *&c.* Vol. I. 8⁰. 1738.

Willughby (F.) F. Willughbeii . . . Ornithologiæ libri tres: in quibus Aves omnes hactenus cognitæ . . . describuntur . . . Totum opus recognovit, digessit, supplevit J. Raius, *&c.* *pp.* [*x*,] *307* [*5*] : *77 pls.* 4⁰. *Londini*, 1676.

Wanting pl. xl–xlvi.

Willughby (F.) The Ornithology of F. Willughby . . . Translated into English . . . with . . . additions . . . To which are added, three . . . discourses, I On the Art of Fowling: with a description of several nets . . . II Of the ordering of Singing Birds. III Of Falconry. By J. Ray. *pp.* [*xii*,] *441* [*6*] : *80 pls.* 4⁰. *London*, 1678.

Willughby (F.) F. Willughbeii . . . de Historia Piscium libri quatuor . . . Totum Opus recognovit . . . librum etiam primum & secundum integros adjecit J. Raius. (Appendix . . . Pisces Indiæ Orientalis a J. Nieuhofs descripti.) *pp.* [*v*,] *343*, *30* [*13*] : *188 pls.* fol. *Oxonii*, 1686.

The title-page to the plates reads "F. Willoughby Icthyographia," *&c.*, and is dated 1685.

Willughby (F.) Philosophical Letters between . . . Mr. Ray and several of his . . . correspondents . . . to which are added those of F. Willughby, *&c.* *See* Ray (J.) 8⁰. 1718.

Willughby (F.) I (–x) Tabula . . . Pisces ex Raii emendata Ichthyologia Willughbeii forma minori descripti, *&c.* *See* Augsburg.—Kaiserlich-Franzische Akademische Handlung. obl. fol. 1786.

Willughby (F.) Memoir of F. Willughby. *See* Jardine (*Sir* W.) *Bart.* Sun Birds. 8⁰. 1843.

—— [Second issue.] 8⁰. [1845–46.]

WILLUGHBY SOCIETY.

Audouin (J. V.) Audouin's Explication sommaire des Planches d'Oiseaux de l'Égypte et de la Syrie publiées par J. C. Savigny . . . Edited by A. Newton. *pp. vii*, *139.* 8⁰. *London*, 1883.

The pagination of the original is also given.

Willughby Society.

Barton (B. S.) Barton's Fragments of the Natural History of Pennsylvania. Edited by O. Salvin. *pp.* [*i*,] *xviii*, *24.* 4⁰. *London*, 1883.

This is a reprint of the more complete version of the original, published in 1799.

Willughby Society.

Desfontaines (R. L.) Desfontaines's Mémoire sur quelques nouvelles espèces d'Oiseaux des Côtes de Barbarie. Edited by A. Newton. *pp. iv*, *496–505* : *7 pls.* 8⁰. *London*, 1880.

Reprinted from the "Mém. Acad. Sci. Paris," Ann. 1787.

Willughby Society.

Forster (J. R.) Forster's Catalogue of the Animals of North America, or Faunula Americana [1771]. Edited [with a preface] by P. L. Sclater. *pp. iv*, *43* : *1 pl.* 8⁰. *London*, 1882.

Willughby Society.

Forster (J. R.) Forster's Animals of Hudson's Bay. Edited by P. L. Sclater. *pp. iv*, *53.* 8⁰. *London*, 1882.

Reprinted from the "Phil. Trans. Roy. Soc. Lond." Vol. lxii, 1772. The pagination of the original is also given.

Willughby Society.

Leach (W. E.) Leach's Systematic Catalogue of the specimens of the indigenous Mammalia and Birds in the British Museum. Edited by O. Salvin. *pp. iv*, *42* [*1*]. 4⁰. *London*, 1882.

Originally issued by the Trustees of the British Museum.

Willughby Society.

Lichtenstein (A. A. H.) Lichtenstein's Catalogus Rerum Naturalium rarissimarum. Edited by F. Du Cane Godman. *pp. iv* [*xi*,] *60.* 8⁰. *London*, 1882.

This reprint contains only the Mammals and Birds.

Willughby Society.

Scopoli (G. A.) Scopoli's Ornithological papers from his Deliciæ Floræ et Faunæ Insubricæ (Ticini: 1786–1788). Edited by A. Newton. *pp. iv*, *20.* 4⁰. *London*, 1882.

The pagination of the original is also given.

Willughby Society.

Smith (*Sir* A.) Sir A. Smith's miscellaneous Ornithological Papers. Edited by O. Salvin. *pp. vi* [*i*,] *127.* 4⁰. *London*, 1880.

The pagination of the original papers in the "South African Quarterly Journal" and the "Report of the Expedition for exploring Central Africa," is given in each case.

Willughby Society.

Tunstall (M.) Tunstall's Ornithologia Britannica. Edited by A. Newton. *pp. iv* [*ii*,] *4* : *text illust.* 8⁰. *London*, 1880.

Willughby Society.

Vieillot (L. J. P.) Vieillot's Analyse d'une nouvelle Ornithologie élémentaire [1816]. Edited by H. Saunders. *pp. iv*, *70.* 8⁰. *London*, 1883.

Willughby Society.

Wagler (J. G.) Wagler's six Ornithological Memoirs from the 'Isis.' Edited by P. L. Sclater. *pp. iv* [*i*,] *137* [*1*]. 8⁰. *London*, 1884.

Reprinted from "Isis," 1829–32, the numeration of the columns of the originals is also given.

WILMANNS (C. A.) C. A. Wilmanns . . . Commentatio de Anthelminticis Regni Vegetabilis, *&c.* *pp. 59.* 4⁰. *Goettingæ*, 1826.

WILMER (Bradford) Observations on the Poisonous Vegetables which are either indigenous in Great-Britain, or cultivated for ornament. *pp. xvi*, *103.* 8⁰. *London*, 1781.

WILMER (W. H. Carrington) & **Wilson-Moore** (C.) The Minerals of Southern Africa. *See* Wilson-Moore (C.) & Wilmer (W. H. C.) 8⁰. 1893.

WILMERE (Alice) Narrative of a voyage to the West Indies and Mexico . . . by S. Champlain. Translated . . . with a biographical notice and notes by A. Wilmere, *&c.* *See* Hakluyt Society. Works, *&c.* No. 23. 8⁰. 1859.

WILMS (Robert) [1824–1880] Observationes de Sagitta Mare Germanicum circa Insulam Helgoland incolente . . . Dissertatio inauguralis anatomico-physiologica, *&c.* *pp. 18* : *1 pl.* 4⁰. *Berolini*, 1846.

WILNA.—Cæsarea Academia Medico-Chirurgica Vilnensis.

See below, Cesarskie Towarzystwo Lekarskie w Wilnie.

WILNA.—Cesarskie Towarzystwo Lekarskie w Wilnie. [*Royal Medical-Chirurgical Academy.*]
Rzecz o Herbacie czytana na posiedzeniu Cesarskiego Towarzystwa . . . 1822, *&c.* [Address on Tea read at a Session of the Academy in 1822.] *See* WOLFGANG (J.) 8⁰. 1823.

Wilna.—Cesarskie Towarzystwo Lekarskie w Wilnie.
Catalogus Musæi Zootomici . . . Academiæ, *&c.* *See* EICHWALD (C. E. VON) fol. 1835.

WILS (HENRICUS BOURSSE) Dissertatio medica inauguralis, continens observationes quasdam anatomicas comparatas de Squatina lævi, *&c.* *pp. vi, 56 : 1 pl.* 8⁰. *Lugduni Batavorum*, 1844.

WILSER (JULIUS) Die Perm-Triasgrenze im südwestlichen Baden. *pp. 22 : text illust.* *See* FREIBURG IN BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. XX, hft. 1. 8⁰. 1913.

WILSON ( ) *of Mussoorie.* A Summer Ramble in the Himalayas . . . Edited by "Mountaineer" [*i.e.* Mr. Wilson of Mussoorie]. *See* HIMALAYAS. 8⁰. 1860.

WILSON (A.) The Narcissus at the Antipodes. *pp. 38 : text illust.* 8⁰. *Dunedin*, 1902.
Printed in double column.

WILSON (ALBERT) & **Wheldon** (J. A.) The Flora of West Lancashire : (Vice-County 60 of "Watson's Topographical Botany,"—the portion of Lancashire north of the Ribble and south of Morecambe Bay). *See* WHELDON (J. A.) & WILSON (A.) 8⁰. 1907.

WILSON (ALEXANDER) [1766–1813] American Ornithology ; or the natural history of the Birds of the United States, *&c.* [Completed and edited (Vol. VIII & IX) with a Biographical Sketch of A. Wilson, by G. Ord.] 9 Vol. *illust. col.* fol. *Philadelphia*, 1808–14 (-24).
Vol. VII & VIII are revised editions, and bear date 1824.

—— [English edition.] With a continuation by C. L. Bonaparte . . . with illustrative Notes, and Life of Wilson by Sir W. Jardine. 3 Vol. *illust. col.* 8⁰. *London & Edinburgh*, 1832.
The "Continuation" consists of a reprint of Vol. I–III of Bonaparte's "American Ornithology." The plates throughout are reduced copies of the originals.

—— [Another edition.] By A. Wilson and C. L. Bonaparte. With a Sketch of the Life of Wilson by G. Ord . . . and a classification of the genera and species of American Birds by S. F. Baird. 3 Vol. & Atlas, 2 Vol. 8⁰. & fol. *Philadelphia* [*c.* 1859–60].
In this edition the original text by Wilson (and Ord) has been re-arranged, the descriptions being placed in systematic order. Bonaparte's portion consists of a reprint of his complete work, placed at the end. The illustrations are printed from the original plates retouched.

—— [Another edition entitled :] Wilson's American Ornithology, with notes by Jardine : to which is added a synopsis of American Birds, including those described by Bonaparte, Audubon, Nuttall, and Richardson ; by T. M. Brewer. *pp. viii, 746 : text illust.* 12⁰. *New York*, 1854.

Wilson (ALEXANDER) American Ornithology ; or the natural history of Birds inhabiting the United States not given by Wilson, *&c.* 4 Vol. *See* BONAPARTE (C. L. J. L.) *Prince of Canino.* fol. 1825–33.

Wilson (ALEXANDER) Observations on the nomenclature of Wilson's Ornithology. *See* BONAPARTE (C. L. J. L.) *Prince of Canino.* 4⁰. 1826.

Wilson (ALEXANDER) Memoir of A. Wilson. *See* JARDINE (*Sir* W.) *Bart.* Birds of Great Britain and Ireland. Pt. 4. 8⁰. 1843.

—— [Second issue.] 8⁰. [1845–46.]

WILSON (ALEXANDER STEPHEN) [1827–1893] The Botany of three historical records : Pharaoh's Dream, the Sower, and the King's Measure. *pp. xii, 120 : 5 pls.* 8⁰. *Edinburgh*, 1878.

WILSON (ANDREW) *F.L.S.* [1852–1912] Elements of Zoology, *&c.* *pp. xxi, 634 : text illust.* 8⁰. *Edinburgh*, 1873 [*i.e.* 1872].
An autograph letter from the author to Sir R. Owen, K.C.B., dated 25 Nov., 1872, and asking his acceptance of the work, is bound in this copy.

Wilson (ANDREW) *F.L.S.* The student's Guide to Zoology. A manual of the principles of Zoological Science. *pp. xii, 327 : text illust.* 8⁰. *London*, 1874.

Wilson (ANDREW) *F.L.S.* [Leisure-time studies chiefly biological. A series of essays and lectures, *&c.* 8⁰. *London*, 1879.]
Wanting.

—— Third edition, *&c.* *pp. xv, 381 : 1 pl., text illust.* 8⁰. *London*, 1884.

Wilson (ANDREW) *F.L.S.* [Chapters on Evolution. 8⁰. *London*, 1882.]
Wanting.

—— Second edition. *pp. xv, 383 : text illust.* 8⁰. *London*, 1883.

Wilson (ANDREW) *F.L.S.* The Heart & its work in the circulation of the Blood. *See* BALL (*Sir* R. S.) The Gilchrist Lectures, *&c.* 8⁰. 1894.

WILSON (ANDREW) *Traveller* [1831–1881] The Abode of Snow : observations on a journey from Chinese Thibet to the Indian Caucasus, through the Upper Valleys of the Himálaya. *pp. xxvi, 475 : 1 pl. col., 1 map, title illust.* 8⁰. *Edinburgh & London*, 1875.

WILSON (CHARLES) Notes on the prior existence of the *Castor fiber* in Scotland, with its ancient and present distribution in Europe, and on the use of Castoreum. *pp. 40.* 8⁰. *Edinburgh*, 1858.
Edinburgh New Philosophical Journ. New Series. Vol. VIII.

WILSON (CHARLES BRANCH) Report on the Parasitic Copepoda collected by Prof. Herdman, at Ceylon, in 1902. *See* ROYAL SOCIETY OF LONDON. Report . . . on the Pearl Oyster Fisheries of the Gulf of Manaar, *&c.* Pt. v. Supplementary Reports, No. 34. 4⁰. 1906.

WILSON (*Sir* CHARLES WILLIAM) *K.C.B.* [1836–1905] & **Palmer** (H. S.) Ordnance survey of the Peninsula of Sinai . . . Scale 10 m. to 1 in. *See* SINAI. [*Maps.*] s.sh. 1869.

WILSON (EDMUND BEECHER) [1856-] & **Sedgwick** (W. T.) General Biology . . . Pt. I. Introductory. *See* SEDGWICK (W. T.) & WILSON (E. B.) 8⁰. 1886.

WILSON (EDWARD) [1848–1898] Guide to the Bristol Museum . . New edition. *See* BRISTOL.—*Bristol Museum.* 16⁰. 1890.

—— Second edition. 16⁰. 1891.

—— Third edition. 16⁰. 1893.

—— Fourth edition. 16⁰. 1894.

—— Fifth edition. 16⁰. 1895.

—— Sixth edition. 16⁰. 1895.

—— Seventh edition. 16⁰. 1896.

—— Eighth edition. 16⁰. 1897.

Wilson (EDWARD) Charles Moore . . . and his work, by H. H. Winwood; with a List of the Fossil Types and described specimens in the Bath Museum, by E. Wilson. *See* WINWOOD (H. H.) 8⁰. 1892.

Wilson (EDWARD) Catalogue of the Fossils, Rocks & Minerals in the students' geological collection in the Bristol Museum. *See* BRISTOL.—*Bristol Museum.* 8⁰. 1896.

Wilson (EDWARD) & **Hudleston** (W. H.) A Catalogue of British Jurassic Gasteropoda, *&c.* *See* HUDLESTON formerly SIMPSON (W. H.) & WILSON (E.) 8⁰. 1892.

WILSON (FRANCIS ROBERT MUTER) [1832–1903] Lichenes Wilsoniani, s. Lichenes a cl. . . . F. R. M. Wilson in Australiæ prov. Victoria lecti, *&c.* *See* MUELLER (J.) *Argoviensis.* 8⁰. 1893.

WILSON (GEORGE) [1818–1859] & **Geikie** (*Sir* A.) *K.C.B.* Memoir of E. Forbes, *&c.* *pp. x, 589 : 1 port., text illust.* 8⁰. *Cambridge & London*, 1861.

WILSON (H. D.) The Northern Territory. *See* SOUTH AUSTRALIA. The province of South Australia, *&c.* 8⁰. 1894.

WILSON (HARLEY F.) The Peach-tree Barkbeetle. *See* UNITED STATES.—*Department of Agriculture.—Entomology Division.* Bulletin No. 68, pt. IX. 8⁰. 1909.

WILSON (HENRY) An account of the Pelew Islands . . . Composed from the journals and communications of Capt. H. Wilson, *&c.* *See* KEATE (G.) 4⁰. 1788.

WILSON (HENRY VAN PETERS) [Sponges from the west coasts of Mexico, Central and South America, and the Galapagos Islands.] *pp. 164 : 25 pls., 1 map.* *See* CAMBRIDGE, *Mass.—Harvard University.—Museum of Comparative Zoology.* Memoirs, *&c.* Vol. XXX, no. 1. 4⁰. 1904.

WILSON (HORACE HAYMAN) [1786–1860] Notes on the Indica of Ctesias. *pp. 80.* 8⁰. *Oxford*, 1836.
Forming one of the "Ashmolean Transactions."

Wilson (HORACE H.) Travels in the Himalayan provinces of Hindustan . . . Prepared for the Press by H. H. Wilson. *See* MOORCROFT (W.) & TREBECK (G.) 8⁰. 1841.

WILSON (J. BOWIE) Report on the present state and future prospects of Lord Howe Island, *&c.* *See* NEW SOUTH WALES.—*Lord Howe Island.* 4⁰. 1882.

WILSON (JAMES) *Professor of Agriculture* [1861–] The Evolution of British Cattle, and the fashioning of Breeds. *pp. viii, 147 : text illust.* 8⁰. *London*, 1909.

WILSON (JAMES) *Zoologist* [1795–1856] Observations on some species of the genus *Falco* of Linnæus. *pp. 49.* 8⁰. *Edinburgh*, 1817.
Mem. Wernerian Nat. Hist. Soc. Vol. II.

Wilson (JAMES) *Zoologist.* Illustrations of Zoology, being representations of new, rare, or remarkable subjects of the animal kingdom . . . with . . . descriptive details. *pp. [iv,] ii, 4 [138] : 36 pls. (col.)* fol. *Edinburgh & London*, 1831.

Wilson (JAMES) *Zoologist.* The natural history of the northern regions of America. *See* TYTLER (P. F.) Historical view of the progress of discovery on the more northern coasts of America, *&c.* 8⁰. 1832.

Wilson (JAMES) *Zoologist.* A voyage round the coasts of Scotland and the Isles. 2 Vol. *illust.* 8⁰. *Edinburgh*, 1842.

Wilson (JAMES) *Zoologist* & **Duncan** (J.) Entomologia Edinensis, or a description and history of the Insects found in the neighbourhood of Edinburgh . . . Coleoptera. *pp. vi, 351 : 2 pls., text illust.* 8⁰. *Edinburgh & London*, 1834.

Wilson (JAMES) *Zoologist* & **others.** Narrative of discovery . . . in Africa . . . with illustrations of the . . . zoology, *&c.* *See* JAMESON (R.) *& others.* 8⁰. 1830.

WILSON (JAMES HEWETSON) [1827?–1850] The Elements of Botany . . . Translated [with an Appendix] by J. H. Wilson. *See* JUSSIEU (A. DE). 8⁰. 1849.

WILSON (JAMES SIMPSON GRANT) [1855–] [For official publications in connection with memoirs illustrating the Map] *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—Scotland.* 8⁰.

WILSON (JAMES THOMAS) & **Martin** (C. J.) Observations upon the Anatomy of the muzzle of the *Ornithorhynchus.*—On the peculiar rod-like tactile organs in the integument and mucous membrane of the muzzle of *Ornithorhynchus.* *See* LINNEAN SOCIETY OF NEW SOUTH WALES. The Macleay Memorial Volume, *&c.* 4⁰. 1893.

WILSON (JOHANNES PETRUS) Museum naturalium Academiæ Upsaliensis auctum, cujus partem primam . . . p. p. J. P. Wilson, *&c.* *See* THUNBERG (C. P.) 4⁰. [1827.]

WILSON (JOHN) *Botanist* [–1751] A Synopsis of British Plants in Mr. Ray's method: with their characters, descriptions, places of growth, time of flowering, and physical virtues . . . Together with a Botanical Dictionary, *&c.* *pp. iv, 272 : text illust.* 8⁰. *Newcastle upon Tyne*, 1744.

WILSON (JOHN) *Janitor to the University of Edinburgh* [–*c.*1832] Catalogue of objects of Natural History, &c. . . . belonging to . . . J. Wilson, *&c.* *pp. 24.* 8⁰. *Edinburgh*, 1832.

WILSON (JOHN LEIGHTON) Western Africa: its history, condition, and prospects. *pp. 527 : 14 pls., 1 map, text illust.* 12⁰. *New York*, 1856.

WILSON (JOHN MARIUS) The Gazetteer of Scotland. *pp. 473.* 8⁰. *Edinburgh*, 1882.

WILSON (JOSEPH) *Geographer.* A History of Mountains, geographical and mineralogical, *&c.* 3 Vol. 4⁰. *London*, 1807–10.

WILSON (MORLEY E.) Geology and Economic Resources of the Larder Lake district, Ont., and adjoining portions of Pontiac County, Que. *pp. vii, 62 : 11 pls., 2 maps geol. col., text illust.* *See* CANADA.—*Geological Survey.* Memoir No. 17 E. 8⁰. 1912.

WILSON (NATHANIEL) [1809–1874] Outline of the Flora of Jamaica, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey.—West Indies.* Memoirs, *&c.* Pt. 2, appendix II. 8⁰. 1869.

WILSON (OWEN S.) [–1890] The Larvæ of the British Lepidoptera and their food plants . . . with . . . figures, drawn and coloured . . . by E. Wilson. *pp. xxix, 367 : 40 pls. col.* 8⁰. *London*, 1880.

WILSON (PERCY) Altingiaceæ. *See* NEW YORK, *City of.—New York Botanical Garden.* North American Flora. Vol. XXII, pt. 2. 8⁰. 1905.

Wilson (P.) Typhaceæ. *See* NEW YORK, *City of.—New York Botanical Garden.* North American Flora. Vol. XVII, pt. 1. 8⁰. 1909.

Wilson (P.) Rutaceæ, Surianaceæ. *See* NEW YORK, *City of.—New York Botanical Garden.* North American Flora. Vol. XXV, pt. 3. 8⁰. 1911.

WILSON (*Sir* SAMUEL) [1832-1895] The Angora Goat; with an account of its introduction into Victoria, *&c. pp. 61 : 2 pls.* 8⁰. *Melbourne*, 1873.

Wilson (*Sir* SAMUEL) Salmon at the Antipodes, being an account of the successful introduction of Salmon and Trout into Australian Waters. (Third edition.) *pp. viii, 252 : 1 map.* 8⁰. *London*, 1879.

This is another edition of a paper originally published under the title of "The Californian Salmon" in the "Trans. Zool. & Acclimat. Soc. Victoria," 1878.

WILSON (SCOTT BARCHARD) Aves Hawaiienses: The Birds of the Sandwich Islands. By S. B. Wilson . . . assisted by A. H. Evans. (Remarks on the structure of certain Hawaiian Birds, with reference to their systematic position. By H. Gadow.—Further Remarks on the relationships of the Drepanididæ. By H. Gadow.) *pp. xxvii, 257 : 70 pls. (col.), 1 map, 3 text illust.* 4⁰. *London*, 1890-1899.

Published in eight parts.

WILSON (STEPHEN) *See* WILSON (ALEXANDER S.)

WILSON (WILLIAM) *of Alford, Aberdeenshire* (1805 ?-1896] Practical Observations on Agricultural Grasses and other pasture Plants. *pp. [viii,] 38.* 8⁰. *Aberdeen*, 1886.

WILSON (WILLIAM) *of Warrington* [1799-1871] English Botany . . . Supplement . . . The descriptions, synonyms, and places of growth by . . . W. Wilson, *&c.* Vol. IV. *See* SOWERBY (J.) 8⁰. 1849.

Wilson (WILLIAM) *of Warrington.* [Musci] *See* SEEMANN (B. C.) The Botany of the Voyage of H.M.S. Herald . . . 1845-51, *&c.* 4⁰. 1852-57.

Wilson (WILLIAM) *of Warrington.* Bryologia Britannica, *&c. See* HOOKER (*Sir* W. J.) & TAYLOR (T.) *F.L.S.* Muscologia Britannica . . . New (Third) Edition, *&c.* 8⁰. 1855.

Wilson (WILLIAM) *of Warrington.* [Correspondence from various botanists relating to Cryptogamic Botany.] 12 Vol. fol.

WILSON-MOORE (CUNINGHAME) & **Wilmer** (W. H. C.) The Minerals of southern Africa. *pp. 119 : text illust.* 8⁰. *Johannesburg*, 1893.

WILTON (DAVID W.) Zoological Log of S. Y. Scotia, 1902-04. *See* SCOTTISH OCEANOGRAPHICAL LABORATORY. Scottish National Antarctic Expedition. Report on the Scientific Results of the Voyage of S. Y. "Scotia," *&c.* Vol. IV, pt. 1. 4⁰. 1908.

WILTSHIRE ARCHÆOLOGICAL AND NATURAL HISTORY SOCIETY. [Founded 1853.] The Wiltshire Archæological and Natural History Magazine, *&c.* Vol. I-XXXV. 8⁰. *Devizes & London*, 1854-1907.

General Indexes to Vol. I-VIII, IX-XVI & XVII-XXIV, were issued with Vol. VIII, XVI & XXIV respectively.

Wiltshire Archæological & Nat. Hist. Society. Address to the . . Society. *See* LUBBOCK (J.) *Baron Avebury.* 8⁰. [1877.]

Wiltshire Archæological & Nat. Hist. Society. The Flowering Plants of Wilts with sketches of the physical geography and climate of the county. *See* PRESTON (T. A.) 8⁰. 1888.

WILTSHIRE (THOMAS) [1826-1902] On the Red Chalk of England. *pp. 18 : 4 pls., text illust.* 8⁰. *London*, 1859.

Wiltshire (T.) On the chief groups of the Cephalopoda. *pp. 43, text illust.* 8⁰. [*London,*] 1869.

Wiltshire (T.) The History of Coal: an introductory lecture, *&c. pp. 36 : text illust.* 8⁰. *London & New York*, 1878.

Wiltshire (T.) Summary of the British Liassic and Oolitic Echinoidea, Asteroidea, and Ophiuroidea.—Range in Geological Time of the British [Oolitic] Echinoidea, Asteroidea, and Ophiuroidea. *See* PALÆONTOGRAPHICAL SOCIETY. WRIGHT (T.) Monograph on the British fossil Echinodermata of the Oolitic formations. Vol. II, append. 1 & 2. 4⁰. 1880.

Wiltshire (T.) Summary of the British Cretaceous Echinoidea.—Range in Geological Time of the British Cretaceous Echinoidea. *See* PALÆONTOGRAPHICAL SOCIETY. WRIGHT (T.) *& others.* Monograph of the British fossil Echinodermata from the Cretaceous Formations. Vol. I, append. 1 & 2. 4⁰. 1882.

Wiltshire (T.) A Monograph of the British Trilobites from the Cambrian, Silurian and Devonian formations, *&c.* By J. W. Salter. Pt. 5. [Concluded with a notice & index, by T. Wiltshire.] *See* PALÆONTOGRAPHICAL SOCIETY. SALTER (J. W.) 4⁰. 1883.

WILVERTH (E.) Les Poissons du Congo. *pp. 34 : text illust.* 8⁰. *Bruxelles*, 1897.

Issued by the Société d'Études Coloniales.

WIMAN (CARL JOHAN JOSEF ERNST) [1867-] Ein Shumardiaschiefer bei Lanna in Nerike. *pp. 20 : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. II, no. 11. 8⁰. 1905.

Wiman (C. J. J. E.) Ueber die alttertiären Vertebraten der Seymourinsel. *See* NORDENSKJÖLD (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901-1903, *&c.* Bd. III, lief. 1. 4⁰. 1905.

Wiman (C. J. J. E.) Ueber die Fauna des westbaltischen Leptænakalks. *pp. 20, 1 tab. : 2 pls. See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, *&c.* Bd. III, no. 24. 8⁰. 1907.

WIMAN (JOHANNES) Specimen academicum, quo *Euphorbia* ejusque historia naturalis et medica exhibetur . . . sistit J. Wiman, *&c. See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1752.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, *&c.* Vol. III, no. 35. 8⁰. 1756.

—— —— [Reprint.] 8⁰. 1764.

—— —— Editio secunda, *&c.* 8⁰. 1787.

WIMEREUX.—Laboratoire de Zoologie Maritime.
Travaux, *&c.* Tom. I-VIII. *See* LILLE.—INSTITUT ZOOLOGIQUE. 4⁰. 1879-1900.

Wimereux.—Laboratoire de Zoologie Maritime. *See* BULLETIN SCIENTIFIQUE DE LA FRANCE ET DE LA BELGIQUE [one of the publications of the Station], *&c.* Tom. XXIV→ 8⁰. 1892→

WIMMER (ANTONÍN) Studie dipterologické. [Dipterological Studies.] *pp. 10 [2] : 2 pls. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIII, čís. 1. 8⁰. 1904.

Wimmer (ANTONÍN) O hypopharyngu některých larev z podřádu Orthorrhapha. [On the hypopharynx of some larvæ of the suborder Orthorhapha.] *pp. 10 [1] : text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XX, čís. 32. 8⁰. 1911.

WIMMER (AUGUST) Zur Conchylien-Fauna der Galápagos-Inseln. *pp. 50.* 8⁰. [*Vienna*, 1880.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. LXXX.

WIMMER (CHRISTIAN FRIEDRICH HEINRICH) [1803–1868] Flora von Schlesien. Handbuch zur Bestimmung und Kenntniss der phanerogamischen Gewächse dieser Provinz, nebst einer gedrängten Einleitung in die Pflanzenkunde. *pp. ix, 400.* 8⁰. *Berlin*, 1832.

Wimmer (C. F. H.) Phytologiæ Aristotelicæ Fragmenta, *&c. pp. xii, 98.* 8⁰. *Vratislaviæ*, 1838.

Wimmer (C. F. H.) Flora von Schlesien Preussischen und Oesterreichischen Antheils, oder vom oberen Oder- und Weichsel-Quellen-Gebiet . . . Nebst phytogeographischen Angaben und einer Profil-Karte des Schlesischen Gebirgszuges. *pp. xlviii, 464, 82 : 1 map.* 12⁰. *Breslau*, 1841.

—— Nebst einer Uebersicht der fossilen Flora Schlesiens von H. R. Goeppert. Zweite . . . Ausgabe. (Nachtrag, *&c.*) 2 Bd. [in 1 Vol.] 12⁰. *Breslau*, 1844–5.

—— Dritte Bearbeitung, *&c. pp. lxxix, 695.* 8⁰. *Breslau*, 1857.

Wimmer (C. F. H.) Das Pflanzenreich, nach dem natürlichen System dargestellt. *pp. [ii,] 192 : text illust.* 8⁰. *Breslau*, 1853.

Wimmer (C. F. H.) Salices Europææ, *&c. pp. xcii, 286.* 8⁰. *Vratislaviæ*, 1866.

Wimmer (C. F. H.) Θεοφραστος. Theophrasti Eresii Opera, quæ supersunt omnia Græca recensuit, Latine interpretatus est . . . F. Wimmer. *See* THEOPHRASTUS. [*Works.*] 8⁰. 1866.

Wimmer (C. F. H.) Ἀριστοτελους ἱστοριαι περι ζωων. Aristoteles Thierkunde : kritisch-berichtigter Text ; mit Deutscher Uebersetzung . . . und . . . Erklärung . . . von . . . F. Wimmer, *&c. See* ARISTOTLE. [*Zoological Works.*] 8⁰. 1868.

Wimmer (C. F. H.) & **Grabowski** (H. E.) Flora Silesiæ. 3 Pt. [in 2 Vol.] 8⁰. *Vratislaviæ*, 1827–29.

Wimmer (C. F. H.) & **others.** Enumeratio Stirpium Phanerogamarum quæ in Silesia sponte proveniunt, *&c. See* GUENTHER (C. C.) *& others.* 8⁰. 1824.

WIMMER (FRIEDRICH) *Botanist.*
See WIMMER (CHRISTIAN F. HEINRICH).

WIMMER (FRIEDRICH) *Oberbergrath.*
See WIMMER (F. WILHELM).

WIMMER (FRIEDRICH WILHELM) [1824–1900] *See* BERG- UND HUETTENMAENNISCHE ZEITUNG . . . Redaction . . . F. Wimmer. Jahrg. XXIII–LVI, no. 13. 4⁰. 1864–97.

WIMMER (JOSEF) [1838–] Deutsches Pflanzenleben nach Albertus Magnus (1193–1280). Ein Nachtrag zur "Geschichte des Deutschen Bodens." *pp. 77.* 8⁰. *Halle a. S.*, 1908 [*i.e.* 1907].

WINBERG (LEOPOLD) Florula Javanica, cujus partem primam . . . p. p. L. Winberg, *&c. See* THUNBERG (C. P.) 4⁰. [1825.]

Winberg (L.) Anvisning till de Svenska pharmaceutiska Växternas igenkännande. Andra delen . . . af L. Winberg, *&c. See* THUNBERG (C. P.) 8⁰. 1827.

WINBLAD (JACOB EMIL) Afhandling om de Wåxter, som i Bibelen omtalas. Fjerde Delen . . . utgifven af J. E. Winblad, *&c. See* THUNBERG (C. P.) 8⁰. [1828.]

WINCANTON FIELD CLUB. [Founded 1889.]
Annual Report, *&c.* No. I–XI.† 1889–1901. 8⁰. *Wincanton* [1890–1901].
Wanting No. 5.
An Index to No. 1–10 is given at the end of No. 10.

Wincanton Field Club.
A List of the native Plants in the district of the . . . Club. *See* HERRIDGE (W.) & GALPIN (W.) 8⁰. [1894.]

Wincanton Field Club.
A List of the Butterflies and Moths found in or near Castle Cary, Somerset. 1871–1895, *&c. See* MACMILLAN (W.) 8⁰. [1896–97.]

WINCH (NATHANIEL JOHN) [1768–1838] An Essay on the geographical distribution of Plants through the Counties of Northumberland, Cumberland, and Durham. *pp. 52.* 8⁰. *Newcastle*, 1819.

—— Second edition. *pp. 54.* 8⁰. *Newcastle*, 1825.

Winch (N. J.) Flora of Northumberland and Durham, *&c. pp. 149.* 4⁰. *Newcastle*, 1831.
Trans. Nat. Hist. Soc. Northumb., Durham & Newcastle-on-Tyne. Vol. II.
Printed in double column.

—— Addenda, *&c. pp. 151–159.* 4⁰. [*Newcastle-on-Tyne*, 1837.]
Printed in double column.

Winch (N. J.) Contributions to the Flora of Cumberland, to which are added remarks on the lists of Plants, published in Hutchinson's history of that County and in Turner and Dillwyn's Botanist's Guide through England and Wales. *pp. 17.* 4⁰. *Newcastle*, 1833.

Winch (N. J.) & **others.** The Botanist's Guide through the Counties of Northumberland and Durham. [With dedication signed by N. J. Winch, J. Thornhill, and R. Waugh.] 2 Vol. [in 1.] 8⁰. *Newcastle upon Tyne*, 1805–07.

WINCHELL (ALEXANDER) [1824–1891] The Grand Traverse region.—A report on the Geological and Industrial Resources of the counties of Antrim, Grand Traverse, Benzie and Leelanaw in the Lower Peninsula of Michigan. *pp. 97 : 1 map col.* 8⁰. *Ann Arbor*, 1866.

Winchell (ALEXANDER) Michigan. Being . . . sketches of the topography, climate, and geology of the State. *pp. 120 : 1 map col.* 8⁰. *Claremont*, 1873.
Wanting pp. 39 & 40.
From Walling's "Atlas of Michigan."

Winchell (ALEXANDER) *See* AMERICAN GEOLOGIST, *The* . . . Editors . . . S. Calvin . . . A. Winchell, *&c.* Vol. I–VII, no. 2. 8⁰. 1888–91.

Winchell (ALEXANDER) Recent views about Glaciers. 8⁰. [*New York*, 1890.]
"The Forum," 1890, *pp. 306–14.*

Winchell (ALEXANDER) Geological Studies ; or, Elements of Geology, *&c. pp. xvi, 513 : text illust.* 8⁰. *Chicago*, 1895.

Winchell (ALEXANDER)
[For official publications as State Geologist]
See MICHIGAN, *State of.—Geological Survey.*
[For geological reports in connection with the Survey]
See MINNESOTA, *State of.—Geological and Natural History Survey.*

WINCHELL (ALEXANDER NEWTON) [1874-] Map of the Mining districts of the Western States [U.S.A.], compiled by W. Lindgren . . . assisted by . . . A. N. Winchell . . . Scale 1 : 2,500,000, approximately 40 miles to 1 inch. s.sh. (*col.*) *See* UNITED STATES.—*Geological Survey.* Mineral Resources of the United States . . . 1907. Pt. I. 8⁰. 1908.

Winchell (ALEXANDER N.) & (NEWTON HORACE) Elements of Optical Mineralogy, *&c.* *See* WINCHELL (N. H.) & (A. N.) 8⁰. 1909.

WINCHELL (HORACE VAUGHAN) [1865-] [For geological reports in connection with the Survey] *See* MINNESOTA, *State of.—Geological and Natural History Survey.*

Winchell (H. V.) & (N. H.) The Iron Ores of Minnesota, *&c.* *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 6. 8⁰. 1891.

WINCHELL (NEWTON HORACE) [1839-1914]
Descriptions of new species of Brachiopoda from the Trenton and Hudson River formations in Minnesota.
Casteroides Ohioensis, Foster [found at Minneapolis].
See MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 8, & append. D. 8⁰. 1880.

Winchell (N. H.)
New Brachiopoda from the Trenton and Hudson River formations in Minnesota.
The Cupriferous series in Minnesota.
See MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 9, & append. B. 8⁰. 1881.

Winchell (N. H.) The Mineralogy of Minnesota.—Note on the age of the Rocks of the Mesabi and Vermilion Iron districts. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 11. 8⁰. 1884.

Winchell (N. H.) The Crystalline Rocks of the Northwest. *See* MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 13. 8⁰. 1885.

Winchell (N. H.)
New species of fossils (*Cryptozoon minnesotense*, *Rhynchonella Ainsliei*, *Orthis Remnicha*, *Orthis Sandbergi*).
A supposed natural alloy of Copper and Silver from the north shore of Lake Superior.
Revision of the stratigraphy of the Cambrian in Minnesota.
See MINNESOTA, *State of.—Geological and Natural History Survey.* Annual reports, *&c.* No. 14. 8⁰. 1886.

Winchell (N. H.) *See* AMERICAN GEOLOGIST, *The* . . . Editors . . . S. Calvin . . . N. H. Winchell. Vol. I-XXXVI. 8⁰. 1888-1905.

Winchell (N. H.) The History of Geological Surveys in Minnesota. *pp. 37. See* MINNESOTA, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 1. 8⁰. 1889.

Winchell (N. H.) Natural Gas in Minnesota. *pp. 39 : 1 map. See* MINNESOTA, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 5. 8⁰. 1889.

Winchell (N. H.)
[For official reports in connection with the Survey] *See* OHIO, *State of.—Geological Survey.*
[For geological reports as State Geologist] *See* MINNESOTA, *State of.—Geological and Natural History Survey.*

Winchell (N. H.) & (ALEXANDER N.) Elements of Optical Mineralogy: an introduction to Microscopic Petrography, with description of all Minerals whose optical elements are known, *&c.* *pp.* [*v*,] *502, 3 tabs.: 8 pls.* (*1 col.*) 8⁰. *New York*, 1909.

Winchell (N. H.) & (H. V.) The Iron Ores of Minnesota, *&c.* *pp. ix, 430 : 4 pls.* (*col.*), *3 maps geol. col., text illust. See* MINNESOTA, *State of.—Geological and Natural History Survey.* Bulletin, *&c.* No. 6. 8⁰. 1891.

WINCHELSEA, *2nd Earl of.* *See* FINCH (H.)

WINCHESTER AND HAMPSHIRE SCIENTIFIC AND LITERARY SOCIETY.
[Founded 1869.]
Report of Proceedings for . . . 1870-71, with abstracts of papers read 1869-70 and 1870-71, and list of Plants collected, *&c.* [Vol. I, pt. 1.] 8⁰. *Winchester*, 1872.
[*Continued as :*]
Journal of Proceedings and Annual Report, *&c.* Vol. I, pt. 2-4. 8⁰. *Winchester*, 1873-75.
[*Continued as :*]
Journal of Proceedings, *&c.* Vol. II, pt. 1, 2. 8⁰. *Winchester*, 1875-76.

WINCHESTER COLLEGE NATURAL HISTORY SOCIETY. [Founded 1870.]
Report, *&c.* No. 1, 3, 4, 5, 6, 10 & 1909-13. 8⁰. *Winchester*, 1871-13.

Winchester College Natural History Society.
Geological Section. (Geological notes.) [By C. G. *i.e.* C. Griffith.] *pp. 18* [*13*]. 12⁰. *Winchester*, 1891.

—— [Second edition entitled :] Geological Notes on the Chalk of Hampshire, with hints to collectors. By C. Griffith. *pp. 43 : 4 pp. of maps.* 8⁰. *Winchester*, 1912.

Winchester College Natural History Society.
A List of the Macro-lepidoptera [edited by A. W. S. Fisher] and Birds [edited by S. A. Davies] of Winchester and the vicinity. Compiled by members of the . . . Society. *pp. 32.* 8⁰. *Lincoln*, 1891.

WINCKELL (GEORG FRANZ DIETRICH AUS DEM) [1762-1839] Winckell's Handbuch für Jäger und Jagdliebhaber. Herausgegeben von J. J. von Tschudi. Fünfte . . . Auflage. 2 Bd. *illust.* 8⁰. *Leipzig*, 1878.
The first edition appeared in 1804.

WINCKEVOORT CROMMELIN (J. P. VAN) *See* CROMMELIN (J. P. VAN WINCKEVOORT).

WINCKLER (EMIL) Geschichte der Botanik. *pp. xvi, 640.* 8⁰. *Frankfurt a. M.*, 1854.

WINCKLER (FERDINAND LUDWIG) [1801-] Das Pflanzenleben, bedingt durch die Harmonie der Formbildung und des chemischen Stoffewechsels unter Einfluss der allwaltenden Naturkräfte ; der Lebenskraft. *pp. 16.* 8⁰. [*Darmstadt*, 1852.]

WINCKLER (JOHANN DIETRICH) Herrn J. Anderson . . . Nachrichten von Island . . . Nebst einem Vorberichte [signed Z * * * *i.e.* J. D. Winckler] von den Lebensumständen des . . . Verfassers. *See* ANDERSON (JOHANN). 8⁰. 1746.

WINDER (DANIEL KNODE) The Mushrooms of Canada, *&c.* *pp. 24.* 12⁰. *Toronto* [1871].

WINDERMERE LITERARY AND SCIENTIFIC SOCIETY.
See CUMBERLAND AND WESTMORLAND ASSOCIATION FOR THE ADVANCEMENT OF LITERATURE AND SCIENCE.

WINDHAM (Thomas) [-1553] Die zweyte Reise nach der Barbarey im . . . 1552 . . . beschrieben von J. Thomas. — Eine Reise nach Guinea und Benin . . . 1553, *&c.* *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

WINDHAUSEN (Anselm) Die geologischen Verhältnisse der Bergzüge westlich und südwestlich von Hildesheim. *pp. 18 : 1 map geol. col.* *See* Hildesheim.—*Roemer Museum.* Mittheilungen, *&c.* No. 21. 8⁰. 1907.

WINDHUS (John) *See* Windus.

WINDING (Magnus G.) Stirpes agri Fremsionensis . . . p. p. M. G. Winding, *&c.* *See* Fries (E. M.) 8⁰. 1825.

WINDISCH (Paul Max) [1859-] Beiträge zur Kenntniss der Tertiärflora von Island. Inaugural-Dissertation, *&c.* *pp. 52.* 8⁰. *Halle a. S.*, 1886.

WINDISCHMANN (Carolus Josephus) De penitiori Auris in Amphibiis structura. Dissertatio inauguralis anatomica, *&c.* *pp. viii, 59 : 3 pls.* 4⁰. *Bonnæ*, 1831.

WINDSOR.—Albert Institute.
See Albert Institute, Windsor.

WINDSOR AND ETON SCIENTIFIC SOCIETY. [Founded 1881.]
Proceedings, *&c.* 1884-89. 6 No.†
12⁰. *Windsor*, 1884-90.

WINDSOR (John) [1787-1868] Flora Cravoniensis, or a Flora of the vicinity of Settle in Craven, Yorkshire; being a reprint with additions . . . of papers published in "The Phytologist" between . . . 1855 and 1858. *pp. x, 177.* 8⁰. *Manchester*, 1873.
Printed for private distribution.

WINDT (Jean de) Sur les relations lithologiques entre les Roches considérées comme Cambriennes des massifs de Rocroi, du Brabant et de Stavelot. *pp. 96 : 3 pls.* *See* Brussels.—Académie royale des sciences, *&c.* Mémoires couronnés, *&c.* Tom. lvi. 8⁰. 1897-98.

WINDT (L. G.) [Manuscript.] The Barberry-bush an enemy to Winter Corn, proved by observations, experiments & testimonies. *pp. 108.* fol. 1806.
A translation of the author's "Der Berberitzenstrauch, ein Feind des Wintergetreides," *&c.* 8⁰. Hannover, 1806.

WINDUS (John) [1779-1855] A journey to Mequinez . . . in . . . 1721. *See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. xv. 4⁰. 1814.

WINDUS (W. P.) A new and compleat treatise on the art of breeding and managing the Almond Tumbler . . . By an Old Fancier [*i.e.* W. P. Windus], *&c.* *See* Pigeons. 8⁰. [1802.]
A manuscript note on the last page of the wrapper to W. Thompson's edition of D. Girton's "New and complete Pigeon-Fancier" states of this work:—"By W. P. Windus—published 1802. He sold the remainder to Alex. Hogg & Co., who issued it with a new title page." The above is one of the re-issued copies, and probably of the so-called second edition cited by Fulton (Illust. Book of Pigeons, p. 11) as appearing in 1804.

WINEBERGER (Ludwig) Versuch einer geognostischen Beschreibung des Bayerischen Waldgebirges und Neuburger Waldes. *pp. 140 : 1 pl., 1 map geol. col.* 8⁰. *Passau*, 1851.

WINGATE (William John) A preliminary list of Durham Diptera, with analytical tables. *pp. vi [ii], 416, 8 foll. : 7 pls.* *See* Natural History Society of Northumberland, Durham, and Newcastle-upon-Tyne. Transactions, *&c.* New Series, Vol. ii. 8⁰. 1906.

WINGE (Adolf Herluf) [1857-] Jordfundne og nulevende Gnavere (Rodentia) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Gnavernes indbyrdes Slægtskab. *pp. 200 : 8 pls.* *See* Copenhagen. — kjøbenhavns universitet. — *Zoologiske Museum.* E Museo Lundii, *&c.* Bd. i, no. 3. 4⁰. 1888.

Winge (A. H.)
Jordfundne og nulevende Flagermus (Chiroptera) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Flagermusenes indbyrdes Slægtskab. (Chauves-souris fossiles et vivantes de Lagoa Santa . . . Avec un aperçu des affinités mutuelles des Chiroptères.) *pp. 92 : 2 pls.*
Jordfundne og nulevende Pungdyr (Marsupialia) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Pungdyrenes Slægtskab. (Marsupiaux fossiles et vivants de Lagoa Santa . . Avec un aperçu sur les affinités des Marsupiaux.) *pp. 149 : 4 pls.*
See Copenhagen.—kjøbenhavns universitet.—*Zoologiske Museum.* E Museo Lundii, *&c.* Bd. ii, no. 1 & 2. 4⁰. 1893.

Winge (A. H.)
Jordfundne og nulevende Aber (Primates) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Abernes indbyrdes Slægtskab. (Singes . . . fossiles et vivants de Lagoa Santa . . . Avec un aperçu des affinités mutuelles des Primates.) *pp. 57 : 2 pls.*
Jordfundne og nulevende Rovdyr (Carnivora) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Rovdyrenes indbyrdes Slægtskab. (Carnivores fossiles et vivants de Lagoa Santa . . . Avec un aperçu des affinités mutuelles des Carnassiers.) *pp. 130 : 8 pls.*
See Copenhagen.—kjøbenhavns universitet.—*Zoologiske Museum.* E Museo Lundii, *&c.* Bd. ii, no. 3 & 4. 4⁰. 1896.

Winge (A. H.) Jordfundne og nulevende Hovdyr (Ungulata) fra Lagoa Santa, Minas Geraes, Brasilien. Med Udsigt over Hovdyrenes indbyrdes Slægtskab. *pp. 239 : 9 pls.* *See* Copenhagen.—kjøbenhavns universitet.—*Zoologiske Museum.* E Museo Lundii, *&c.* Bd. iii, no. 1. 4⁰. 1906.

Winge (A. H.) & **others.** Affaldsdynger fra Stenalderen i Danmark undersøgte for Nationalmuseet. Résumé en Français, *&c.* *See* Madsen (A. P.) 4⁰. 1900.

WINGE (Gustav Oluf Bang) [1855-1889] Fugle fra Knoglehuler i Brasilien. *pp. 54, 5 : 1 pl.* *See* Copenhagen. — kjøbenhavns universitet. — *Zoologiske Museum.* E Museo Lundii, *&c.* Bd. i, no. 2. 4⁰. 1888.

WINGE (Öjvind) [1886-] Cytological Studies in the Plasmodiophoraceæ. *pp. 39 : 3 pls.* *See* Stockholm.—kongliga svenska vetenskaps-akademien. Arkiv för Botanik. Bd. xii, no. 9. 8⁰. 1913.

WINGE (Oluf) *See* Winge (G. O. B.)

WINKELBLECH (Georg Carl) [1810-1865] Bemerkungen zu Schleiden's offenem Sendschreiben an . . . J. Liebig. *pp. 23.* 8⁰. *Braunschweig*, 1842.

Winkelblech (G. C.) Ueber Liebig's Theorie der Pflanzenernährung und Schleiden's Einwendungen, *&c.* *pp. 31.* 8⁰. *Kassel*, 1842.

WINKELMANN (Adolf August) [1848-1910] & **others.** Lehrbuch der physikalischen . . . Chemie. *See* Graham (T.) & Otto (F. J.) Ausfürliches Lehrbuch der Chemie. Bd. i, Abth. 1. Physikalische Lehren von A. Winkelmann. 8⁰. 1885.

WINKELMANN (J.) Die Flora der Insel Bornholm, *&c.* 8⁰. *Greifswald*, 1900.
vii, Jahresb. Geogr. Gesell. Greifswald. *pp. 158-166.*

WINKER (Franciscus Antonius) Dissertatio inauguralis, sistens observationes anatomicas de Tatu novemcincto, quam . . . præside G. L. Rapp . . . submittit auctor, *&c. pp. 19.* 4⁰. *Tubingæ*, 1826.

WINKLER (Clemens Alexander) [1838–1904] Die Untersuchung des Eisenmeteorits von Rittersgrün. *pp. 52. See* Academia Cæsarea Leopoldino-Carolina, *&c.* Nova Acta, *&c.* Tom. xl, no. 8. 4⁰. 1878.

Winkler (C. A.) Handbook of Technical Gas-analysis . . . Translated with . . . additions, by G. Lunge. *pp. viii, 125 : text illust.* 8⁰. *London*, 1885.
The German original appeared the same year.

WINKLER (Eduard) [Sämmtliche Giftgewächse Deutschlands, naturgetreu dargestellt und allgemein fasslich beschrieben . . . Mit einer Vorrede von F. Schwägrichen. 8⁰. *Berlin*, 1831.]
Wanting.

—— Zweite Auflage. *pp. xi, 119 : 95 pls.* 8⁰. *Berlin*, 1832.

Winkler (E.) Abbildungen sämmtlicher Arzneigewächse Deutschlands, welche in die Pharmacopöen der grössern Deutschen Staaten aufgenommen sind. *192 pls. col.* 4⁰. *Leipzig* [1832–34].
Wanting the text, which was issued under the title :—"Handbuch der Gewächskunde zum Selbststudium," *&c.*
Issued in twelve parts : Hft. 1–5, *pls. i–lxxx* in 1832 ; hft. 6–12, *pls. lxxxi–cxcii* in 1833–34.

—— Ergänzungs-Heft. *16 pls. col.* 8⁰. *Leipzig*, 1834.
Wanting the text, but having the title-page belonging thereto.

Winkler (E.) Anfangsgründe der Botanik . . . Zweite Auflage . . . vermehrt von . . . E. Winkler. *pp. x, 250 : 2 pls., text illust.* 8⁰. *Leipzig*, 1836.
A translation of the "Elements of Botany" published by the Society for the Diffusion of Useful Knowledge.

Winkler (E.) Vollständiges Real-Lexikon der medicinisch-pharmaceutischen Naturgeschichte und Rohwaarenkunde, *&c.* 2 Bd. 8⁰. *Leipzig*, 1840–42.

Winkler (E.) Handbuch der medicinisch-pharmaceutischen Botanik, *&c. pp. 712.* 8⁰. *Leipzig* [1850].

WINKLER (Ferdinand Ludwig) *See* Winckler.

WINKLER (Franz Julius) Ueber die Beziehungen zwischen der Form und der Zusammensetzung der Mineralien. *pp. 58.* 4⁰. *Landsberg a. d. W.*, 1866.
Prog. Gymn. Landsberg a. d. W.

WINKLER (Gustav Georg) [1820–] Die Pseudomorphosen des Mineralreiches, *&c. pp. vi, 135.* 8⁰. *München*, 1855.

Winkler (G. G.) Die Schichten der *Avicula contorta.* Inner- und Ausserhalb der Alpen, *&c. pp. 51 : 2 pls.* 8⁰. *München*, 1859.

Winkler (G. G.) Island. Der Bau seiner Gebirge und dessen geologische Bedeutung. *pp. viii, 303 : text illust.* 8⁰. *München, &c.*, 1863.

Winkler (G. G.) Die Gesteinslehre. *pp. x, 203.* 8⁰. *München*, 1864.

Winkler (G. G.) Versteinerungen aus dem Bayerischen Alpengebiet mit geognostischen Erläuterungen.—i. Die Neocomformation des Urschlauerachenthales bei Traunstein, mit Rücksicht auf ihre Grenzschichten. *pp. 48 : 4 pls.* 4⁰. *München*, 1868.

Winkler (G. G.) Die Regeneration des Verdauungsapparates bei *Rynchelmis limosella*, Hoffm. *pp. 34 : 2 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1902, no. 12. 8⁰. 1903.

WINKLER (Hubert) [1875–] Betulaceæ. *pp. 149 : 2 maps, text illust. See* Engler (H. G. A.) Das Pflanzenreich, *&c.* Hft. 19 (iv, 61). 8⁰. 1904.

Winkler (H.) Botanisches Hilfsbuch für Pflanzer . . . und Forschungsreisende. *pp. vii, 322.* 8⁰. *Wismar*, 1912.

WINKLER (K. J.) & **others.** Decas Plantarum Novarum, *&c. See* Trautvetter (E. R. von) *& others.* 4⁰. 1882.

WINKLER (Tiberius Cornelius) [–1898] Description de quelques nouvelles espèces de Poissons fossiles des Calcaires d'eau douce d'Œningen, *&c. pp. 64 : 7 pls. See* Haarlem. — hollandsche maatschappij der wetenschappen. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. xiv. 4⁰. 1861.

Winkler (T. C.) Description de quelques nouvelles espèces de Poissons fossiles du Calcaire lithographique de Solenhofen, *&c. pp. 94 : 10 pls. See* Haarlem.—hollandsche maatschappij der wetenschappen. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. xvi. 4⁰. 1862.

Winkler (T. C.) Musée Teyler.—Catalogue systématique de la Collection Paléontologique. *See* Haarlem. —*Musée Teyler.* 4⁰. 1863–67.

—— Supplément. i–v. *See* Haarlem.—*Musée Teyler.* Archives, *&c.* Vol. i, iv ; & Sér. II, vol. i & v. 4⁰. 1868–96.

Winkler (T. C.) Des Tortues fossiles conservées dans le Musée Teyler et dans quelques autres Musées. *pp. ii, 151 : 33 pls.* 4⁰. *Harlem*, 1869.
Archives Musée Teyler. Vol. ii.

Winkler (T. C.) Deuxième mémoire sur les Dents de Poissons fossiles du terrain Bruxellien. *pp. 33 : 1 pl. col., text illust.* 4⁰. *Haarlem*, 1874.
Archives Musée Teyler. Vol. iv. The first memoir appeared in the preceding volume of the same serial.

Winkler (T. C.) Note sur une nouvelle espèce de *Lepidotus. pp. 4. See* Liege.—société royale des sciences. Mémoires, *&c.* Sér. II, tom. iv, no. 3. 8⁰. 1874.

Winkler (T. C.) Étude sur le genre *Mystriosaurus* et description de deux exemplaires nouveaux de ce genre. *pp. 84 : 3 pls.* 4⁰. *Haarlem*, 1876.
Archives Musée Teyler. Vol. iv.

Winkler (T. C.) Description de quelques restes de Poissons fossiles des terrains Triasiques des environs de Wurzbourg. *pp. 41 : 5 pls.* 4⁰. *Haarlem*, 1880.
Archives Musée Teyler. Vol. v.

Winkler (T. C.) Mémoire sur les Poissons fossiles des Lignites de Sieblos. *pp. 24 : 2 pls.* 4⁰. *Haarlem*, 1880.
Archives Musée Teyler. Vol. v.

Winkler (T. C.) Étude Carcinologique sur les genres *Pemphix, Glyphea* et *Aræosternus. pp. 52 : 1 pl.* 4⁰. *Haarlem*, 1882.
Archives Musée Teyler. Sér. II, vol. i.

Winkler (T. C.) Catalogue des Collections Géognostico-Minéralogiques du Musée Teyler. (Premier supplément.) *pp. iv, 127 (45). See* Haarlem.—*Musée Teyler.* Archives, *&c.* Sér. II, vol. iii, pt. 3. (Vol. v, pt. 1.) 4⁰. 1889 (–96).

WINKLER (Willibald) Das Herz der Acarinen, nebst vergleichenden Bemerkungen über das Herz der Phalangiiden und Chernetiden. *pp. 8 : 1 pl. See* Vienna. —kaiserlich-koenigliche universitaet. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. vii, hft. 1. 8⁰. 1886.

Winkler (W.) Anatomie der Gamasiden. *pp. 38 : 5 pls. See* VIENNA.—KAISERLICH-KOENIGLICHE UNIVERSITAET. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. VII, hft. 3. 8⁰. 1888.

WINNACKER (KARL HUGO) [1857–] Ueber die niedrigsten, in Rinnsteinen beobachteten, pflanzlichen Organismen und deren Beziehung zu Infektions-Krankheiten. Inaugural-Dissertation, *&c. pp. 19.* 4⁰. *Frankfurt-a.-M.*, 1882.

WINNECKE (CHARLES G. A.) [–1902] Plan and Report of . . . Exploration from Alice Springs to the Herbert River and Tennant's Creek. *See* SOUTH AUSTRALIA. fol. 1882.

Winnecke (C. G. A.) Plan shewing explorations by Mr. Winnecke, *&c. See* SOUTH AUSTRALIA.—*Northern Territories.* [*Maps.*] 1884.

Winnecke (C. G. A.) Journal, etc., of the Horn scientific exploring expedition to Central Australia . . . by C. Winnecke, *&c. See* SOUTH AUSTRALIA. 4⁰. 1896.

Winnecke (C. G. A.) Journal of the Horn scientific exploring expedition, 1894, *&c. See* SOUTH AUSTRALIA. 8⁰. 1897.

Winnecke (C. G. A.) Geological Map of the Northern Territory of South Australia . . . Physical geography, compiled by C. Winnecke, *&c.* Scale 20 m. = 1 in. *See* SOUTH AUSTRALIA.—*Northern Territory.* [*Maps.*] 1898.

WINNIPEG.—Manitoba Historical and Scientific Society.
See MANITOBA HISTORICAL AND SCIENTIFIC SOCIETY.

WINOGRADSKY (S.) *See* VĪNOGHRADSKIĬ (S. N.)

WINSLOW (ARTHUR) [1860–] The Geology of the Coal regions . . . of Arkansas. *pp. x, 122, 1 tab. : 1 map, text illust. See* ARKANSAS, *State of.—Geological Survey.* Annual Report, *&c.* 1888, vol. II. 8⁰. 1888.

Winslow (A.) The art and development of Topographic Mapping. *pp. 8.* 8⁰. [*New York,*] 1893.
Engineering Mag. Oct., 1893.

Winslow (A.) Lead and Zinc deposits . . . By A. Winslow, assisted by J. D. Robertson. 2 Vol. *See* MISSOURI, *State of.—Bureau of Geology and Mines.* [Publications, *&c.*] Vol. VI & VII. 8⁰. 1894.

Winslow (A.) The disseminated Lead ores of southeastern Missouri. *pp. 31 : 1 pl., 5 maps (col.), text illust. See* UNITED STATES.—*Geological Survey.* Bulletin, *&c.* No. 132. 8⁰. 1896.

Winslow (A.) The construction of Topographic Maps by reconnoissance methods. *pp. 9.* 8⁰. *Little Rock, Ark.* [ ].

Winslow (A.) [For official reports as State Geologist] *See* MISSOURI, *State of.—Bureau of Geology & Mines.*

WINSLOW (CHARLES FREDERICK) [1811–1877] The cooling Globe ; or the mechanics of Geology. *pp. 63.* 8⁰. *Boston*, 1865.

WINSLOW (FRANCIS) Catalogue of the Economic Mollusca and the . . . appliances used in their capture . . . Exhibited by the United States National Museum. *See* LONDON.—*Great International Fisheries Exhibition, 1883.* United States of America. Catalogue D. 8⁰. 1883.

—— [Another issue.] *See* UNITED STATES NATIONAL MUSEUM. Bulletin No. 27. 8⁰. 1883.

WINSLOW (JACOBUS BENIGNUS) [1669–1760] Spicilegium anatomico-botanicum generale de machinæ Plant-animalis œconomia analogica, quod . . . proponit J. Winslow . . . respondente C. Willichio. *pp. [iv,] 20.* 4⁰. *Hafniæ* [1694].

WINSOR (JUSTIN) [1831–1897] The Kohl Collection of (early) maps relating to America (etc.). *See* CAMBRIDGE, *Mass.* — HARVARD UNIVERSITY. — *Library.* Bibliographical Contributions, *&c.* No. 19. 8⁰. 1886.

WINSTONE (F.) *Miss. See* SCIENCE-GOSSIP . . . Edited by . . . F. Winstone. New Series, Vol. V–VIII. 4⁰. 1899–1902.

WINTER (AUGUST WILHELM) Ueber die Vermehrung der Pflanzenzellen durch Theilung. Eine Inaugural-Dissertation . . vorlegt A. W. Winter. *See* MOHL (H. VON). 4⁰. (1835.)

WINTER (GEORG) [1848–1887] *See* HEDWIGIA. Ein Notizblatt für Kryptogamische Studien . . . Ridigirt von . . . G. Winter. Bd. XVIII–XXVI. 8⁰. 1879–87.

Winter (GEORG) Die Pilze Deutschlands, Oesterreichs und der Schweiz. Unter Mitwirkung von . . . A. de Bary und . . . H. Rehm, bearbeitet von . . . G. Winter, *&c. See* RABENHORST (G. L.) Dr. L. Rabenhorst's Kryptogamen-Flora . . . Zweite Auflage, *&c.* Bd. I, abt. 1–3. 8⁰. 1881–90.

Winter (GEORG) Pilze . . . von Kingua-Fjord. *See* GERMANY.—*Internationale Polarforschung, 1882–1883.* Die Deutschen Expeditionen, *&c.* Bd. II, no. 4. 8⁰. 1890.

WINTER (GERTRUD) *Frau* & **Kobelt** (W.) Landmollusken von . . . O. F. von Möllendorff. Nach dessen Tode auf Grund seines Nachlasses fortgeführt von . . . W. Kobelt und Frau G. Winter, *&c.* Hft. I→ *See* SEMPER (C. G.) Reisen im Archipel der Philippinen, *&c.* Zweiter Theil, bd. X. 4⁰. 1905→

WINTER (JOHN) Voyage to Magellanica. *See* CALLANDER (J.) Terra Australis cognita, *&c.* Vol. I. 8⁰. 1766.

Winter (J.) The voyage of J. Winter into the South sea by the Streight of Magellan . . . 1577 . . . Written by E. Cliffe. *See* HAKLUYT SOCIETY. Works, *&c.* No. 16. 8⁰. 1854.

WINTERBOTTOM (JAMES EDWARD) [1803–1854] Catalogue of Plants found [by Sir R. Strachey and J. E. Winterbottom] in Kumaon and Garwhal and the adjoining parts of Tibet. [By Sir R. Strachey.] *See* KUMAON. 8⁰. [1852.]
Subsequently revised by J. F. Duthie and printed in the "Gazetteer of the North Western Provinces," Vol. X, 1882 [*q.v.*].

Winterbottom (J. E.) Catalogue of the Plants of Kumaon . . . based on the collections made by Strachey and Winterbottom during . . . 1846 to 1849 . . . Revised and supplemented by J. F. Duthie. *See* STRACHEY (*Sir* R.) 8⁰. 1906.

WINTERFELD (FRIEDRICH FRANZ) [1858–] Ueber quartäre Mustelidenreste Deutschlands. Inaugural-Dissertation, *&c. pp. 42.* 8⁰. *Berlin*, 1886.

WINTER-HJELM (H.) *See* NORSK TIDSKRIFT FOR VIDENSKAB OG LITTERATUR. Udgivet af . . . H. Winter-Hjelm. 1853–55. 8⁰. 1853–55.

WINTHER (GEORG PETER) [1844–1879] [Fishes of Denmark.] 2 Pt. *pp. 26 : 4 pls. See* SCHIØDTE (J. M. C.) Zoologia Danica, *&c.* Hft. 1 & 2. 4⁰. 1878–81.

WINTHER (Mathias) [1795–1834] Literaturæ scientiæ rerum naturalium in Dania, Norvegia & Holsatia usque ad Annum 1829 Enchiridion in usum physicorum et medicorum. *pp. viii* [*8,*] *233* [*15*]. 8⁰. *Havniæ*, 1829.

WINTLE (Ernest D.) The Birds of Montreal, *&c.* (Original Sporting Sketches compiled by D. Denne.) *pp. xiv, 281 : 2 pls., 1 map, text illust.* 8⁰. *Montreal*, 1896.

WINTLE (William James) Monsters of other days. 8⁰. [*London*, 1904.]

London Magazine. Vol. xii, 1904. pp. 193–199.

WINWOOD (Henry Hoyte) [Geology of the Bath District.] *See* Morris (J. W.) Handbook to Bath, *&c.* 8⁰. 1888.

Winwood (H. H.) Handbook to the Geological Museum, Bath. [By H. H. W., *i.e.* H. H. Winwood.] *See* Moore (C.) *Geologist.* 8⁰. 1888.

Winwood (H. H.) Charles Moore . . . and his Work, by H. H. Winwood; with a List of the Fossil Types and Described Specimens in the Bath Museum, by E. Wilson. *pp. 64.* 8⁰. *Bath*, 1892.

Proc. Bath Nat. Hist. & Antiq. Field Club. Vol. vii.

WIRÉN (Axel) [1860–] Chætopoder från Sibiriska Ishafvet och Berings Haf, insamlade under Vega-expeditionen 1878–9. *See* Nordenskiöld (N. A. E. von). Vega-Expeditionens vetenskapliga Iakttagelser, *&c.* Bd. ii. 8⁰. 1883.

Wirén (A.) Om cirkulations- och digestions-organen hos Annelider af familjerna Ampharetidæ, Terebellidæ och Amphictenidæ. *pp 58 : 6 pls. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Handlingar. Ny Följd, Bd. xxi, no. 7. 4⁰. 1885.

Wirén (A.) *Hæmatocleptes terebellidis*, nouvelle Annélide parasite de la famille des Euniciens. *pp. 10 : 2 pls. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Bihang till . . . Handlingar. Bd. xi, no. 12. 8⁰. 1886.

Wirén (A.) Beiträge zur Anatomie und Histologie der limivoren Anneliden. *pp. 52 : 5 pls., text illust. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Handlingar. Ny Följd, Bd. xxii, no. 1. 4⁰. 1887 (1890).

Wirén (A.) Om en hos Eremitkräftor lefvande Annelid. *pp. 14 : 3 pls. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Bihang till . . . Handlingar. Bd. xiv, afd. iv, no. 5. 8⁰. 1888.

Wirén (A.) Studien über die Solenogastres.—i. Monographie des *Chætoderma nitidulum*, Lovén. *pp. 66 : 7 pls.* (*col.*), *text illust. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Handlingar. Ny Följd, Bd. xxiv, no. 12. 4⁰. 1892.

Wirén (A.) Studien über die Solenogastren. ii. *Chætoderma productum, Neomenia, Proneomenia acuminata. pp. 100 : 10 pls. See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Handlingar. Ny Följd, Bd. xxv, no. 6. 4⁰. 1892 (1894).

Wirén (A.) Ueber die Selbstverstümmelung bei *Carcinus mœnas. See* Hulth (J. M.) *& others.* Zoologiska Studier. Festskrift W. Lilljeborg, *&c.* 4⁰. 1896.

Wirén (A.)
Zoologien i Uppsala 1882–1907. En återblick.
Macellicephala violacea (Lev.), nebst Bemerkungen über deren Anatomie.
See Wirén (A.) *& others.* Zoologische Studien . . . T. Tullberg . . . gewidmet, *&c.* 4⁰. 1907.

Wirén (A.) Zoologiska Bidrag från Uppsala (Zoologische Beiträge aus Uppsala) . . . Utgifna af A. Wirén. Bd. i→ 8⁰. *Uppsala, &c.*, 1912→

Wirén (A.) & **others.** Zoologische Studien . . . T. Tullberg zum 65. Geburtstage gewidmet, *&c. pp.* [*v,*] *342 : 10 pls., 1 port., text illust.* 4⁰. *Uppsala*, 1907.

There is also a Swedish title.
Contains :—
1. Zoologien i Uppsala 1882–1907. En återblick af A. Wirén.
2. Ueber das Crustaceenplancton des Ekoln, *&c.* Von S. Ekman.
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5. Zur Kenntnis des *Plagiostomum lemani* (Forel & Du Plessis). Von N. von Hofsten.
6. Zur Kenntnis der Trematodengattung *Levinseniella.* Von L. A. Jägerskiöld.
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14. Ueber die Ernährung des Embryos der *Lamna cornubica.* Von G. Swenander.
15. *Macellicephala violacea* (Lev.), nebst Bemerkungen über deren Anatomie. Von A. Wirén.
16. Zur Anatomie der Didymozoen : ein getrenntgeschlechtlicher Trematode mit rudimentärem Hermaphroditismus. Von T. Odhner.

WIRSING (Adam Ludwig) [1734–1797] Hortus nitidissimis omnem per annum superbiens Floribus . . . in publicum edidit A. L. Wirsing, *&c.* Vol. ii & iii. *See* Trew (C. J.) fol. 1772–86.

Wirsing (A. L.) Afbeelding der Marmor soorten, volgens hunne natuurlyke koleuren, *&c. See* Marmor. 4⁰. 1776.

Wirsing (A. L.) Eclogæ Botanicæ e Dictionario Regni Vegetabilis Buc'hodziano collectæ exhibentes Plantarum antea ineditarum icones ad prototypa accuratissime expressas . . . cum descriptionibus et adnotationibus necessariis. Manip. i.† *pp.* [*iv,*] *10 pls.* fol. *Norimbergæ*, 1778.

Wirsing (A. L.) Plantæ rariores . . . curam et illustrationem suscepit . . . A. L. Wirsing, *&c.* Decas ii & iii. *See* Trew (C. J.) fol 1779–84.

Wirsing (A. L.) & **Guenther** (F. C.) Sammlung von Nestern und Eyern verschiedener Vögel, aus den Cabineten des . . . Hofrath Schmidels und des Herrn Verfassers. Gestochen und herausgegeben durch A. L. Wirsing. Hinlänglich beschrieben und abgehandelt von D. F. C. Günther. [Hft. 2 by N. G. Leske and D. Piesch], *&c. pp. xii* [*vi,*] *133 : 101 pls. col.* fol. *Nürnberg*, 1772 [–86].

Issued in four parts, each with 25 plates, of which the first in each part alone bears date, viz. :—Pl. i, 1767 ; pl. xxvi, 1771 ; pl. li, 1775 ; and pl. lxxvi, 1786. The "Vorbericht" to Hft. 2 by Leske is dated 1784: there is no text to Hft. 3 & 4.
A French edition of Hft. 1 appeared in 1772.
A prospectus of this work (with 12 of the plates) and of B. C. Vogel's "Sammlung meistens Deutscher Vögel," *&c.*, was issued in 1770 (*Cf.* Beckmann's "Phys.-ökonom. Bibliothek," *&c.* Bd. i, p. 328).

WIRTGEN (Philipp Wilhelm) [1806–1870] [Leitfaden für den Unterricht in der Botanik, *&c.* 12⁰. *Coblenz*, 1839.]

Wanting.

—— Zugleich als Anleitung zur leichteren Bestimmung der wildwachsenden Gefässpflanzen des mittleren und nördlichen Deutschlands . . . Dritte . . . Auflage. *pp. x, 628.* 12⁰. *Coblenz*, 1852.

Wirtgen (P. W.) Flora des Regierungsbezirks Coblenz. *pp. xi, 238.* 8⁰. *Coblenz*, 1841.

Wirtgen (P. W.) Prodromus der Flora der Preussischen Rheinlande. Erste Abtheilung† : Phanerogamen, *&c. pp. xii, 208.* 8⁰. *Bonn*, 1842.

Wirtgen (P. W.) Herbarium Mentharum Rhenanarum. Erläuterungen zu dem Herbarium der Rheinischen Menthen. (Zweite Auflage.) *pp. 16.* 8⁰. *Coblenz* [1855].

Wirtgen (P. W.) Flora der Preussischen Rheinprovinz und der zunächst angränzenden Gegenden. Ein Taschenbuch, *&c. pp. xxii, 563 : 2 pls.* 12⁰. *Bonn*, 1857.

Wirtgen (P. W.) Rheinische Reise-Flora. Kurze Uebersicht und Characteristik aller in dem Stromgebiete des Rheines, mit Ausnahme des Alpinen Theils, vorkommenden Gefässpflanzen. *pp. xxiv, 328, 178.* 8⁰. *Coblenz*, 1857.

Wirtgen (P. W.) Anleitung zur landwirthschaftlichen und technischen Pflanzenkunde, *&c.* 2 Curs. [in 1 Vol.] *illust.* 8⁰. *Coblenz*, 1857-60.

Wirtgen (P. W.) Flora der Preussischen Rheinlande, oder die Vegetation des Rheinischen Schiefergebirges und des Deutschen Niederrheinischen Flachlandes. . . . Bd. I.† Die Thalamifloren De Candolle's. *pp. 372.* 8⁰. *Bonn*, 1870.

WIRZÉN (Johannes Ernst Adhemar) Dissertatio academica Enumerationem Plantarum officinalium Fenniam sponte inhabitantium . . . offert censuræ J. E. A. Wirzen. *See* Ilmoni (I.) 4⁰. [1837.]

Wirzén (J. E. A.) Dissertatio academica in geographica Plantarum per partem provinciæ Casanensis distributione illustranda periculum sistens . . . offert J. E. A. Wirzén . . . respondente P. E. Åberg, *&c. pp. 129.* 8⁰. *Helsingforsiæ*, 1839.

Wirzén (J. E. A.) Scriptores rei herbariæ Fennicæ. Disquisitio botanico-critica . . . edidit J. E. A. Wirzén . . . Part. I.† respondente N. G. Nykopp, *&c. pp. 16.* 8⁰. *Helsingforsiæ*, 1843.

WISCONSIN, *State of.*—Board of Immigration. Statistics: exhibiting the history, climate and productions, *&c. pp. 55 : 1 map.* 8⁰. *Madison, Wis.*, 1869.

WISCONSIN, *State of.*—Geological Survey. Annual Report . . . By J. G. Percival. [No. 2.] 8⁰. *Madison* [*Wis.*], 1856.

Wisconsin, *State of.*—Geological Survey. Report . . . [By] J. Hall . . . and J. D. Whitney, *&c.* Vol. I.† *pp. xix, 455 : 10 pls. (col.), 3 maps (1 col.), text illust.* 8⁰. [*Albany, N.Y.*] 1862.

On general Geology and Palæontology. (Catalogue of Fossils known in the Palæozoic formations, with observations upon some of the known species, and descriptions of several new forms.) By J. Hall.
On the Upper Mississippi Lead region. By J. D. Whitney.
Observations upon the remains of extinct and existing species of Mammalia found in the crevices of the Lead-bearing rocks, and in the superficial accumulations within the Lead region of Wisconsin, Iowa and Illinois. By J. Wyman.
Observations upon the Mammalian remains found in the crevices of the Lead-bearing rocks at Galena, Illinois. By J. Leidy.

Wisconsin, *State of.*—Geological Survey. Geology of Wisconsin. Survey of 1873-79. 4 Vol. & 3 Atlases. 8⁰. & fol. *Madison* [*Wis.*], 1877-83.

Wanting Sheets 8 & 9 of Atlas, Vol. II.
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,, 8. A Catalogue of Wisconsin Lepidoptera. By P. R. Hoy.—A list of the Noctuidæ of Wisconsin. By P. R. Hoy.

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Vol. IV. *pp. xxiv, 779 : 41 pls. (4 col.), text illust.* Atlas, *15 maps (col.)* 1882.
Pt. 1. Geology of the Mississippi region, north of the Wisconsin River. By M. Strong.
,, 2. Geology of the Lower St. Croix district. By L. C. Wooster.
,, 3. Palæontology. By R. P. Whitfield.
,, 4. The Ore deposits of southwestern Wisconsin. By T. C. Chamberlin.
,, 5. The Quartzites of Barron and Chippewa counties. Compiled from the notes of Messrs. Strong, Sweet, Brotherton and Chamberlin.
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,, 7. Crystalline rocks from the Wisconsin valley. By R. D. Irving and C. R. Van Hise.
,, 8. Superficial Geology of the Upper Wisconsin valley. Edited by T. C. Chamberlin.
,, 9. Geodetic Survey. By J. E. Davies.

WISCONSIN, *State of.*—Geological and Natural History Survey. [Founded 1897.] Bulletin No. 1→ 8⁰. *Madison, Wis.*, 1898→

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Wisconsin, *State of.*—Geological and Natural History Survey. [*Maps.*]
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WISCONSIN, *State of.* [*Maps.*]
See supra, Geological & Natural History Survey.

WISCONSIN ACADEMY OF SCIENCES, ARTS, AND LETTERS. [Founded 1870.] Bulletin, *&c.* Nos. 2 & 3. 1870. 8⁰. *Madison, Wis.*, 1871.

Wisconsin Academy of Sciences, Arts, and Letters.
Transactions (Proceedings), *&c.* Vol I→ 1870→
8⁰. *Madison, Wis.*, 1872→
An Index to Vol. I–VIII was issued as part of Vol. VIII.

WISCONSIN NATURAL HISTORY SOCIETY.
[1857 Founded as *Naturhistorischer Verein von Wisconsin.*
1879 *Natural History Society of Wisconsin*, or alternatively on publications *Wisconsin Natural History Society.*
1899 The *Milwaukee Natural Science Association* was incorporated with it.
1902 *Wisconsin Natural History Society.*]
Bericht, *&c.* 1871, 1873 & 1874.
8⁰. [*Milwaukee, Wis.*,] 1872–75.
No part was published for 1872, or 1875.
[*Continued as :*]
Jahresbericht, *&c.* 1876. 8⁰. *Milwaukee, Wis.* [1876.]
[*Continued as :*]
Jahres-Bericht, *&c.* 1876–7 to 1880–1.†
8⁰. *Milwaukee, Wis.*, 1877–81.
No part was published for 1878–9.

Wisconsin Natural History Society.
Proceedings, *&c.* April 6, 1885—Dec. 17, 1888.
8⁰. [*Milwaukee, Wis.*, 1885–88.]
Wanting pp. 1–44.
The Proceedings were subsequently published in the Bulletin of the Society [*q.v.*].

Wisconsin Natural History Society.
Bulletin, *&c.* (New Series.) Vol. I→ *illust.*
8⁰. *Milwaukee, Wis.*, 1900→

Wisconsin Natural History Society.
Occasional Papers, *&c.* 3 Vol. 8⁰. *Milwaukee*, 1889–96.
Vol. I. *pp. 151 : 4 pls., text illust.*
No. 1. Observations on sexual selection in Spiders of the family Attidæ. By G. W. and E. G. Peckham. 1889.
,, 2. Protective resemblances in Spiders. By E. G. Peckham. 1889.
,, 3. Additional observations on sexual selection in Spiders of the family Attidæ, with some remarks on Mr. Wallace's theory of sexual ornamentation. By G. W. and E. G. Peckham. 1890.
Vol. II. *pp. 178 [5] : 16 pls., text illust.*
No. 1. Ant-like Spiders of the family Attidæ. By G. W. and E. G. Peckham. 1892.
,, 2. Spiders of the Marptusa group of the family Attidæ. By G. W. and E. G. Peckham. 1894.
,, 3. Spiders of the Homalattus group of the family Attidæ. By G. W. and E. G. Peckham. 1895.
Vol. III. Spiders of the family Attidæ from Central America and Mexico. By G. W. and E. G. Peckham. *pp. 101 [2] : 7 pls.* 1896.

WISCONSIN STATE AGRICULTURAL SOCIETY. [Founded 1851.]
Transactions, *&c.* Vol. II & III. *illust.* 1852–53.
8⁰. *Madison*, 1853–54.

WISE (HENRY) *Horticulturist* [1653–1738] & **London** (G.) Le Jardinier Solitaire, the Solitary or Carthusian Gard'ner . . . By F. Gentil . . . Also the Compleat Florist . . . by L. Liger . . . Newly done into English [by G. London and H. Wise ?]. *See* GENTIL (F.) 8⁰. 1706.

—— [Another edition entitled :] The Retir'd Gardener, *&c.* 8⁰. 1717.

WISE (HENRY) *Publisher.* Wise's Directory of New Zealand for . . . 1875–6 . . . Edited by T. H. Feilding, *&c. pp. xxvii, 427 [in 12 separately-paged sections] : 35 maps.* 4⁰. *Dunedin, N.Z.*, 1875.

WISE (JOHN RICHARD DE CAPEL) [1831–1890] The New Forest : its history and its scenery. *pp. viii, 336 : 1 pl., 1 map, text illust.* 4⁰. *London*, 1863 [*i.e.* 1862].
Appendix contains :—
II. The Flowering Plants.
III. List of the Birds.
IV. The Lepidoptera. By Mr. Baker. Revised by F. Bond.

—— Third edition. *pp. viii, 336 : 1 pl., 1 map, text illust.* 8⁰. *London & Southampton*, 1880.

WISLICENUS (JOHANNES) [1835–1902] Die Lagerung der Atome im Raume, von . . . J. H. van 't Hoff . . . Deutsch bearbeitet von . . . F. Herrmann. Nebst einem Vorwort von . . . J. Wislicenus. *See* HOFF (J. H. VAN 'T). 8⁰. 1877.

WISLIZENUS (FRIEDRICH ADOLPH) [1810–1889] Memoir of a Tour to Northern Mexico, connected with Col. Doniphan's Expedition, in 1846 and 1847 . . . With a Scientific (Botanical) Appendix [by G. Engelmann], *&c. pp. 141 : 1 pl., 2 maps.* 8⁰. *Washington* [*D.C.*], 1848.
Senate [Doc.], 30th Congr., 1st Sess., Miscell. No. 26.

WIŚNIOWSKI (THADEUSZ) [1865–] Atlas Geologiczny Galicyi. Zeszyt XXI. *1 sh. col., & text. See* GALICIA, *Austria.* s.sh. & 8⁰. 1908.

WISSELINGH (CORNELIUS VAN) Over de Kurklamel en het Suberine. *pp. 51 : 2 pls. col. See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. I, no. 1. 8⁰. 1892.

Wisselingh (C. VAN) Over de Cuticularisatie en Cutine. *pp. 32 : 2 pls. (1 col.) See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. III, no. 8. 8⁰. 1894.

Wisselingh (C. VAN) Over de vittæ der Umbelliferen. (Bijdrage tot de Kennis van den celwand.) *pp. 28 : 2 pls. (col.) See* AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. IV, no. 1. 8⁰. 1894.

WISSENSCHAFTLICHE MONATS-BLÄTTER. Herausgegeben von K. Hopf und O. Schade. Jahrg. I–VII.† 8⁰. *Königsberg*, (1873–) 1874–79.

WISSENSCHAFTLICHER VEREIN IN ZÜRICH. *See* ZURICH.

WISSENSCHAFTLICHER VEREIN ZUR VERBREITUNG VON NATURKENNTNISS UND HOEHERER WAHRHEIT. *See* HALLE.

WISSMANN (HEINRICH LUDOLF) [1815–] Beiträge zur Geognosie und Petrefactenkunde des südöstlichen Tirols. *See* BEITRAEGE ZUR PETREFACTEN-KUNDE. Hft. IV. 4⁰. 1841.

WISSOZSKY (N.) *See* VUISOTZKIĬ.

WISTAR INSTITUTE OF ANATOMY & BIOLOGY. [Founded 1892.]
The Anatomical Record. [Published under the direction of an Editorial Board.] Vol. I–IV, no. 1.
8⁰. *Baltimore, Md., & Philadelphia* [*Pa.*], 1906–1910.
Vol. I was issued in connection with the American Journal of Anatomy. Wanting, No. 7 & 8 of Vol. II.

WISTRAND (AUGUST TIMOLEON) [1807–1866] Flora Gothoburgensis . . . p.p. . . . A. T. Wistrand . . . Particula II. *See* THUNBERG (C. P.) 8⁰. [1824.]

WISZWIANSKI (HELENE) Die Faktoren der Wüstenbildung. *pp. 90 : 1 pl.* 8⁰. *Berlin*, 1906.
Veröffentlichungen des Instituts für Meereskunde und des Geographischen Instituts, an der Universität Berlin, *&c.* Hft. 9, 1906.

WITASEK (JOHANNA) *Fräulein.* Ein Beitrag zur Kenntnis der Gattung *Campanula. pp. 106 : text illust. See* VIENNA.—KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. Abhandlungen, *&c.* Bd. I, hft. 3. 8⁰. 1902.

WITCHELL (Charles A.) [-1907] & **Strugnell** (W. B.) The Fauna and Flora of Gloucestershire. *pp. xxiv, 301 : 10 pls., text illust.* 8⁰. *Stroud*, 1892.

Contains:—
Classified List of Gloucestershire Earthworms (Oligochætes). By C. J. Watkins.
The Crayfish. By E. Burgh.
The Ants of Gloucestershire. By W. F. White.
A List of the Hymenoptera Aculeata collected in the neighbourhood of Wotton-under-Edge . . . By V. R. Perkins.
Macro-Lepidoptera. Pt. II. Heterocera. (Introduction by C. J. Watkins.)
The Habitats of some of the Ferns of Gloucestershire. By W. F. White.
Notes on some Gloucestershire aquatic Plants. By S. J. Coley.
The Edible Fungi of Stonehouse. By Prof. [J.] Buckman.
Notes on some Mosses of the Stroud district. By G. Holmes.
The Mosses of the lower part of the Wye Valley, in West Gloucestershire. By W. A. Shoolbred.
The Hepaticæ of Gloucestershire. By H. P. Reader.

WITCHELL (Edwin) [1823-1887] The Geology of Stroud and the area drained by the Frome. *pp. viii, 108 : 5 pls.* 8⁰. *Stroud*, 1882.

WITH (Carl Johannes) [1877-] The Danish Expedition to Siam, 1899-1900. III. Chelonethi : an account of the Indian False-Scorpions together with studies on the anatomy and classification of the order. *pp. 214 : 4 pls., 1 map, text illust. See* Copenhagen.—Kongeligt dansk videnskabernes selskab. Det . . . Skrifter, *&c.* Ræk. VII, bd. III, no. 1. 4⁰. 1906.

WITH (Émile) [1816-] L'Écorce Terrestre. Les Minéraux, leur histoire et leurs usages dans les arts et métiers. *pp. 560 : 22 pls., text illust.* 8⁰. *Paris*, 1874.

WITH (Joanne) *See* White (John) *Navigator.*

WITHAM (Henry Thornton Maire) [1779-1844] Observations on Fossil Vegetables, accompanied by representations of their internal structure, as seen through the microscope. *pp. 48 : 6 pls., text illust.* 4⁰. *Edinburgh & London*, 1831.

Witham (H. T. M.) The internal structure of Fossil Vegetables found in the Carboniferous and Oolitic deposits of Great Britain. *pp. [iv,] 84 : 16 pls. (col.)* 4⁰. *Edinburgh & London*, 1833.

WITHER (Thomas P. Bigg) Pioneering in South Brazil. Three years of forest and prairie life in the province of Paraná. 2 Vol. *illust.* 8⁰. *London*, 1878.

WITHERING (William) [1741-1799] A Botanical Arrangement of all the Vegetables naturally growing in Great Britain. With descriptions of the genera and species, according to the system of . . . Linnæus . . . the common English names; the names of Gerard, Parkinson, Ray and Bauhine. . . . With an easy introduction to the study of Botany, *&c.* 2 Vol. [in 1] *illust.* 8⁰. *Birmingham & London*, 1776-92.

A Botanical arrangement of British Plants . . . Second edition . . . including a new set of references to figures. By J. Stokes, *&c.* 3 Vol. *illust.* 8⁰. *Birmingham & London*, 1787.

An Arrangement of British Plants ; according to the latest improvements in the Linnæan System . . . Third edition. 4 Vol. *illust.* 8⁰. *London*, 1796.

A Systematic Arrangement of British Plants . . . Fourth edition . . . corrected and enlarged by W. Withering [the younger], *&c.* 4 Vol. *illust.* 8⁰. *London*, 1801.

—— Fifth edition. 4 Vol. *illust.* 8⁰. *Birmingham*, 1812.

An Arrangement of British Plants . . . Sixth edition, *&c.* 4 Vol. *illust.* 8⁰. *London*, 1818.

—— Seventh edition. 4 Vol. *illust.* 8⁰. *London*, 1830.

The eighth edition cited by Pritzel does not exist. That entry is an error for the first edition of Macgillivray's abridgement [*q.v.* infra].

Withering (William) [A systematic arrangement of British Plants . . . Corrected and condensed ; preceded by an Introduction to the Study of Botany . . . by W. Macgillivray. 8⁰. *London*, 1830.]

Wanting.

—— Fourth edition. *pp. viii, 407 : 10 pls. (1 col.)* 8⁰. *London*, 1837.

—— Fifth edition. *pp. 414 : 10 pls. (1 col.)* 8⁰. *London*, 1841.

—— Sixth edition. *pp. 437 : 10 pls. (1 col.)* 8⁰. *London*, 1845.

—— Tenth edition. *pp. 476 : 16 pls.* 8⁰. *London*, 1858.

A fourteenth edition appeared in 1877.

Withering (William) Outlines of Mineralogy, translated from the original of Sir T. Bergman. *See* Bergman (T. O.) 8⁰. 1783.

Withering (William) The Lady's and Gentleman's Botanical Pocket Book adapted to Withering's arrangement of British Plants, *&c.* *See* Mavor (W. F.) 12⁰. 1800.

Withering (William) The Miscellaneous Tracts of . . . W. Withering . . . To which is prefixed a Memoir of his Life . . . and Writings. [By W. Withering, the younger.] 2 Vol. 8⁰. *London*, 1822.

WITHERING (William) *the Younger* [-1832] A Systematic Arrangement of British Plants . . . Fourth edition . . . corrected and enlarged by W. Withering [the younger], *&c.* 4 Vol. *illust.* *See* Withering (W.) A Botanical Arrangement of all the Vegetables, *&c.* 8⁰. 1801.

—— Fifth edition. 4 Vol. *illust.* 8⁰. 1812.

—— Sixth edition. 4 Vol. *illust.* 8⁰. 1818.

—— Seventh edition. 4 Vol. *illust.* 8⁰. 1830.

Withering (William) *the Younger.* The Miscellaneous Tracts of . . . W. Withering . . . To which is prefixed a Memoir of his Life . . . and Writings. [By W. Withering, the younger.] 2 Vol. *See* Withering (W.) 8⁰. 1822.

WITHERS (Robert) [-1856] List of Plants, botanical & scientific Books, &c. . . . belonging to . . . R. Withers. *pp. 12.* 8⁰. (*Bath,*) 1856.

A private sale catalogue with the prices asked added in manuscript.

WITHERS (William) A Memoir . . . on the planting and rearing of Forest Trees. *pp. 42.* 4⁰. *Holt & London*, 1826.

WITKAMP (Pieter Harme) [1816-1892] De Dierentuin van het koninklijk Zoologisch Genootschap Natura Artis Magistra . . . geschetst door . . . H. Schlegel . . . met historische herinneringen van P. H. Witkamp, *&c.* *See* Schlegel (H.) 4⁰. 1872.

WITLACZIL (Emanuel) Zur Anatomie der Aphiden. *pp. 45 : 3 pls. See* Vienna.—Kaiserlich-koenigliche universitaet. Arbeiten aus dem Zoologischen Institute, *&c.* Tom. IV, hft. 3. 8⁰. 1882.

WITMANN (Ernest) Entwurf einer tabellarischen Darstellung der Terminologie der Phänogamisten. *21 tab.* fol. *Wien* [1812].

WITMEUR (Henri) Éléments de Minéralogie . . . Première partie : Étude générale des propriétés des Minéraux. *pp. 172 [1] : text illust.* 8 *Bruxelles*, 1895.

WITSEN (Nicolaus) [1640–c.1705] History of the two Tartar Conquerors of China . . . to which is added Father Pereira's Journey into Tartary . . . from the Dutch of N. Witsen, *&c.* *See* Hakluyt Society. Works, *&c.* No. 17. 8⁰. 1854.

Witsen (N.) Extract translated from . . . "Noord en oost Tartarye." *See* Hakluyt Society. Works, *&c.* No. 25. 8⁰. 1859.

WITT (Joannes Constantinus) De legibus quibusdam ad processum vegetationis pertinentibus. Dissertatio inauguralis medica . . . subjicit J. C. Witt. *pp. xvi, 47.* 8⁰. *Halæ*, 1802.

WITT (Otto Nicolaus) [1853–] Ueber den Polierschiefer von Archangelsk-Kurojedowo im Gouv. Simbirsk. *pp. 41 : 7 pls.* 8⁰. [*St. Petersburg*,] (1885.)
Verhandl. Russ.-Kaiserl. Mineral. Gesell. St. Petersburg. Ser. II, bd. xxii, 1886.

Witt (O. N.) Atlas der Diatomaceen-Kunde. (In Verbindung mit den Herrn Gründler . . . und Witt.) Hft. 37–53. *See* Schmidt (A. W. F.) fol. [1890–] 1893 [–96].

Witt (O. N.) & **Truan y Luard** (A.) Die Diatomaceen der Polycystinenkreide von Jérémie in Hayti, Westindien, *&c.* *See* Truan y Luard (A.) & Witt (O. N.) 4⁰. 1888.

WITTE (Bror Otto Hernfrid) [1877–] Ueber abweichende Zahlenverhältnisse, einige andere Anomalien der Blüten der *Campanula rotundifolia*, L. *pp. 8 : 1 pl., text illust.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Arkiv för Botanik. Bd. iv, no. 17. 8⁰. 1905.

Witte (B. O. H.) De Svenska Alfvarväxterna. *pp. 94 : 10 pls.* *See* Stockholm.—Kongliga svenska vetenskaps-akademien. Arkiv för Botanik, *&c.* Bd. v, no. 8. 8⁰. 1906.

Witte (B. O. H.) Till de Svenska Alfvarväxternas ekologi. Akademisk afhandling, *&c.* *pp. 119 : text illust.* 8⁰. *Uppsala*, 1906.

Witte (B. O. H.) Ueber das Vorkommen eines aërenchymatischen Gewebes bei *Lysimachia vulgaris*, L. *See* Sernander (J. R.) *& others.* Botaniska Studier. Tillägnade F. R. Kjellman, *&c.* 8⁰. 1906.

WITTE (Henrik) Das Alter der Bäume. Eine populäre Abhandlung von H. Witte. Aus dem Holländischen frei bearbeitet von J. Müller. *pp.* [*iv,*] *36.* 8⁰. *Berlin*, 1861.

Witte (Henrik) Flora. Afbeeldingen en Beschrijvingen van Boomen, Heesters, Éénjarige Planten, enz., voorkomende in de Nederlandsche Tuinen . . . oorspronkelijke, naar de Natuur vervaardigde teekeningen van A. J. Wendel. *pp. x, 316, vii : 80 pls. col.* fol. *Groningen* (1868).

Witte (Henrik) Schetsen uit het Plantenrijk, *&c.* *pp. xvi, 526 : 41 pls., text illust.* 8⁰. *Haarlem* [1869–70].

Witte (Henrik) Das Blatt. Eine monographische Schilderung des Baues und der Bedeutung desselben . . . aus dem Holländischen übertragen von A. M. C. Jongkindt-Coninck . . . mit einem Vorwort von E. Lucas, *&c.* *pp. iv, 46.* 8⁰. *Ravensburg*, 1872.

WITTE (Hernfrid) *See* Witte (Bror Otto H.)

WITTENBERG.—Academia Vitembergensis.
[1502 Founded.
1817 Incorporated with the *Friedrichs-Universität* at Halle.]
Index Plantarum Horti Medici Academiæ, *&c.* *See* Heucher (J. H.) 4⁰. 1711.

Wittenberg.—Academia Vitembergensis.
Novi proventus Horti Medici Academiæ, *&c.* *See* Heucher (J. H.) 4⁰. 1711.

Wittenberg.—Academia Vitembergensis.
Syllabus Plantarum potissimum exoticarum quæ in Horto Medico Academiæ . . . aluntur. *See* Vater (A.) 8⁰. 1738.

WITTENBURG (Paul von) [1884–] Beiträge zur Kenntnis der Werfener Schichten Südtirols. *pp. 44, 2 tabs. : 5 pls., text illust.* *See* Palaeontologische Abhandlungen. Geologische und Palaeontologische Abhandlungen, *&c.* Bd. xii. 4⁰. 1908.

WITTIBER (Ferdinandus Christophorus Joannes) Disputatio . . . inauguralis, sistens Ægrum undimia ex corticis Chinæ de China intempestivo usu laborantem, quam . . . proponit F. C. J. Wittiber, *&c.* *See* Vesti (J.) 4⁰. [1709.]

WITTICH (Wilhelm Heinrich von) [1821–1884] Observationes quædam de Aranearum ex ovo evolutione. Dissertatio inauguralis anatomico-physiologica, *&c.* *pp. 17* [*3*] *: 1 pl.* 4⁰. *Halis Saxonum*, 1845.

Wittich (W. H. von) Untersuchungen über die Entwickelung und den Körperbau der Krokodile . . . herausgegeben von W. von Wittich. *See* Rathke (M. H.) 4⁰. 1866.

Wittich (W. H. von) Aufsaugung, Lymphbildung und Assimilation. *See* Hermann (L.) Handbuch der Physiologie. Bd. v, thl. 2. 8⁰. 1881.

WITTING (Wilhelm August Ernst) [1824–] De elementis anorganicis Graminum quæ nominantur acida. Dissertatio inauguralis, *&c.* *pp.* [*iv,*] *50, 4.* 8⁰. *Berolini*, 1851.

WITTKE (Augustus Ferdinandus) [1755–] Dissertatio inauguralis . . . de Arnicæ virtute . . . quam . . . defendet A. F. Wittke, *&c.* *See* Birkholz (A. M.) 4⁰. [1785.]

WITTMACK (Max Carl Ludwig) [1839–] Gras- und Kleesamen. Kurze Anleitung zu ihrer Erkennung und Prüfung, nebst Angabe der Verwechselungen und Verunreinigungen. *pp. vii, 114 : 8 pls., text illust.* 8⁰. *Berlin*, 1873.

Wittmack (M. C. L.) Beiträge zur Fischerei-Statistik des Deutschen Reichs sowie eines Theiles von Oesterreich-Ungarn und der Schweiz, *&c.* *See* Berlin.—Deutscher Fischerei-Verein. Circular. 1875, no. 1. 4⁰. 1875.

Wittmack (M. C. L.) Marcgraviaceæ.—Rhizoboleæ. *See* Martius (C. F. P. von) Flora Brasiliensis, *&c.* Vol. xii, pt. 1. fol. 1878–86.

Wittmack (M. C. L.) Wissenschaftliche Untersuchungen und Literatur [of Fisheries]. *See* Berlin.—*Internationale Fischerei-Ausstellung, 1880.* Amtliche Berichte. v. 8⁰. 1881.

Wittmack (M. C. L.) *See* Garten-Zeitung . . . herausgegeben von . . . L. Wittmack. Jahrg. i–iv. 8⁰. 1882–85.

Wittmack (M. C. L.) Die Krankheiten der Nährpflanzen und ihre Beziehung zur Hygiene. *pp. 22.* 8⁰. (*Berlin*, 1883.)

Wittmack (M. C. L.) Führer durch die Vegetabilische Abtheilung des Museums der Kgl. Landwirthschaftlichen Hochschule in Berlin. *pp.* [*iv*,] *85 : 2 pls., text illust.* 8⁰. *Berlin*, 1886.

Wittmack (M. C. L.) Bromeliaceæ. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. II, abth. 4. 8⁰. 1887–88.

Wittmack (M. C. L.) *See* GARTENFLORA . . . Herausgegeben von L. Wittmack. Jahrg. XXXVI–LIV. 8⁰. *Berlin*, 1887–1905.

Wittmack (M. C. L.) Landwirthschaftliche Culturpflanzen. *See* NEUMAYER (G. B.) Anleitung zu wissenschaftlichen Beobachtungen auf Reisen . . . Zweite . . . Auflage. Bd. II. 8⁰. 1888.

—— Dritte . . . Auflage. Bd. II. 8⁰. 1906.

WITTROCK (VEIT BRECHER) [1839–1914] Försök till en monographi öfver Algslägtet *Monostroma* . . . Academisk afhandling, *&c.* *pp. 66 : 4 pls.* 8⁰. (*Stockholm*, 1866.)

Wittrock (V. B.) Algologiska Studier I och II . . . Afhandling, *&c.* *pp. 52 : 2 pls.* 8⁰. *Uppsala*, 1867.

Wittrock (V. B.) Anteckningar om Skandinaviens Desmidiacéer, *&c.* *pp. 28 : 1 pl.* *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. VII, no. 3. 4⁰. 1869.

Wittrock (V. B.) Om Gotlands och Ölands Sötvattens-Alger, *&c.* *pp. 72 : 4 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. I, no. 1. 8⁰. 1872.

Wittrock (V. B.) Prodromus monographiæ Œdogoniearum, *&c.* *pp. 64 : 1 pl.* *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta, *&c.* Ser. III, vol. IX, no. 3. 4⁰. 1874.

Wittrock (V. B.) On the development and systematic arrangement of the Pithophoraceæ, a new order of Algæ, *&c.* *pp. 80 : 6 pls.* *See* UPSALA.—KONGLIGA VETENSKAPS-SOCIETETEN. Nova Acta . . . Volumen extra ordinem editum, *&c.* No. 19. 4⁰. 1877.

Wittrock (V. B.) On the Spore-formation of the Mesocarpeæ and especially of the new genus *Gonatonema*, *&c.* *pp. 18 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till Handlingar. Bd. V, no. 5. 8⁰. 1878.

Wittrock (V. B.) Om *Binuclearia* ett nytt confervacéslägte. *pp. 11 : 1 pl.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XII, afd. III, no. 1. 8⁰. 1886.

Wittrock (V. B.)
De Horto Botanico Bergiano. Om planen för Bergielunds Botaniska Trädgård samt om trädgårdens tillstånd 1891. *pp. 22 : 5 pls., 1 map col.*
De *Linaria Reverchonii*, nov. spec., observationes morphologicæ et biologicæ. — *Linaria Reverchonii* nov. spec. dess morfologi och lefnadshistoria. *pp. 14 : 1 pl.* (*col.*)
De Filicibus observationes biologicæ.—Biologiska Ormbunkstudier. *pp. 58 : 5 pls.* (*col.*), *text illust.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani. Bd. I, no. 2, 4 & 8. 4⁰. 1891.

Wittrock (V. B.) Ueber die höhere epiphytische Vegetation in Schweden.—Om den högre epifyt-vegetationen i Sverige. *pp. 29.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani, *&c.* Bd. II, no. 6. 4⁰. 1894.

Wittrock (V. B.) *Viola*-Studier . . . A contribution to the history of the Pansies, having special reference to their origin.—Bidrag till de odlade Penséernas historia, *&c.* 2 Pt. *illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani, *&c.* Bd. II, no. 1 & 7. 4⁰. 1895–97.

Wittrock (V. B.) Illustrerad förteckning öfver Bergielunds Botaniska trädgårds samling porträtt af botaniska författare; jämte biografiska notiser.—Catalogus illustratus Iconothecæ Botanicæ horti Bergiani Stockholmiensis . . . notulis biographicis adjectis. 2 Pt. *illust.* *46 pls.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani. Bd. III, no. 2 & 3. 4⁰. 1903–1905.

Wittrock (V. B.) *Linnæa borealis*, L., species polymorpha et polychroma.—*Linnæa borealis*, L., en mångformig art. *pp. 187 : 13 pls.* (*col.*), *text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acti Horti Bergiani, *&c.* Bd. IV, no. 7. 4⁰. 1907.

Wittrock (V. B.) Några ord om Linné och hans betydelse för den Botaniska Vetenskapen. *pp. 32 : 3 ports.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani, *&c.* Bd. IV, no. 1. 4⁰. 1907.

Wittrock (V. B.) & **Juel** (H. O.) Catalogus Plantarum perennium bienniumque in Horto Botanico Bergiano annis 1890 et 1891 sub dio cultarum, adjectis adnotationibus botanicis nonnullis. (Appendix.) *pp. x, 95* (*xviii*) *: 1 pl., text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Acta Horti Bergiani. Bd. I, no. 3 & Appendix. 4⁰. 1891.

Wittrock (V. B.) & **others.** Algæ aquæ dulcis exsiccatæ, præcipue Scandinavicæ, quas adjectis algis marinis chlorophyllaceis et phycochromaceis distribuerunt V. Wittrock et O. Nordstedt ([and] G. Lagerheim). Fasc. I–XXXV.† 8⁰. *Upsaliæ*, *&c.*, 1877–1903.
Of Fasc. I–XX, XXII–XXXIV, only the title-pages with the list of contents of the number are present, the specimens having been incorporated in the Collection. Fasc. XXI & XXXV contain the "Descriptiones systematice dispositæ et Index generalis Fasciculorum 1–20 (22–34)." An Index was also issued to Fasc. 1–10.
The Title-page and Index to Fasc. 7 are wanting.

WITTSTEIN (GEORG CHRISTIAN) [1810–1887] Etymologisch-botanisches Handwörterbuch. Enthaltend: die genaue Ableitung und Erklärung der Namen sämmtlicher botanischen Gattungen, Untergattungen und ihrer Synonyme. *pp. viii, 952.* 8⁰. *Ansbach*, 1852.

Wittstein (G. C.) [Anleitung zur chemischen Analyse von Pflanzen und Pflanzentheilen auf ihre organischen Bestandtheile. 8⁰. *Nördlingen*, 1868.]
Wanting.

The organic constituents of Plants and Vegetable substances and their chemical analysis . . . Authorised translation from the German original, enlarged with numerous additions; by Baron F. von Mueller. *pp. xviii, 332.* 8⁰. *Melbourne*, 1878.

Wittstein (G. C.) Handwörterbuch der Pharmakognosie des Pflanzenreichs. *See* ENCYKLOPAEDIE DER NATURWISSENSCHAFTEN. Abth. II, thl. 2. 8⁰. 1882.

WITTWER (WILHELM CONSTANTIN) [1822–] Geschichtliche Darstellung der verschiedenen Lehren über die Respiration der Pflanzen unter besonderer Berücksichtigung der Frage: "Trägt sie zur Ernährung der Pflanzen bei oder nicht?" . . . Dissertatio Inauguralis. *pp. 32.* 8⁰. *München*, 1850.

Wittwer (W. C.) Briefe über A. von Humboldt's Kosmos . . . Vierter Theil. 1ᵉ Abth. Bearbeitet von . . . W. C. Wittwer. *See* COTTA (B. VON) *& others.* 8⁰. 1859.

Wittwer (W. C.) A. von Humboldt. Sein wissenschaftliches Leben und Wirken den Freunden der Naturwissenschaften dargestellt. *pp. xiv, 440 : 2 pls.* 8⁰. *Leipzig*, 1861.

Issued as a supplement to the "Briefe über A. von Humboldt's Kosmos" by B. von Cotta and others [*q.v.*].

WITTWOR (L. O.) Geological tour through England and Wales : and a brief Geological Sketch of the Isle of Wight, *&c. pp. 88 : 1 map col.* 12⁰. *London*, 1847.

WITWATERSRAND GOLD FIELD. [*Maps.*] Geological Map of the west Witwatersrand Gold Fields. By T. Kassner, *&c.* [Scale 1 in. = 371 yards.] *See* TRANSVAAL. [*Maps.*] 4 sh. *col.* 1903.

WITZ (AIMÉ MARIE JOSEPH) [1848–] Cours de Manipulations de Physique, *&c. pp. xiv, 506 : text illust.* 8⁰. *Paris*, 1883.

WITZELL (KAROL) Spis Roślin ozdobnych znajdujących się w ogrodzie Botanicznym Liceum Wołyńskiego w Krzemiencu, *&c.* [Catalogue of Ornamental Plants in the Botanic Garden of the Volhynian Lyceum at Kremenetz, *&c.*] *pp. 42.* fol. *Krzemieniec*, 182[1].

WLANGALI (A.) *See* VLANGHALĪ (A.)

WNUKOW (N.) *See* VNUKOV (N. N.)

WOBURN ABBEY. Hortus Gramineus Woburnensis, *&c. See* SINCLAIR (G.) fol. 1816.

—— [Another edition.] 8⁰. 1824.

—— Fourth edition, *&c.* 8⁰. [1838.]

Woburn Abbey. Hortus Ericæus Woburnensis ; or a catalogue of Heaths, in the collection . . . at Woburn Abbey. *See* RUSSELL (J.) *6th Duke of Bedford.* fol. 1825.

Woburn Abbey. Salictum Woburnense : or a catalogue of Willows . . . at Woburn Abbey, *&c. See* FORBES (J.) *A.L.S.* 4⁰. 1829.

Woburn Abbey. Hortus Woburnensis, a descriptive catalogue of . . . Plants cultivated at Woburn Abbey, *&c. See* FORBES (J.) *A.L.S.* 4⁰. 1833.

Woburn Abbey. Catalogue of the . . . Cactæ in the Gardens of Woburn Abbey. *See* FORBES (J.) *A.L.S.* Journal of a horticultural tour through Germany, *&c.* 8⁰. 1837.

Woburn Abbey. Pinetum Woburnense : or, a catalogue of Coniferous Plants . . . at Woburn Abbey, *&c. See* FORBES (J.) *A.L.S.* 4⁰. 1839.

Woburn Abbey. A Record of the Collection of Animals kept in Woburn Park, *&c. See* RUSSELL (MARY DU CAURROY) *Duchess of Bedford.* obl. fol. 1905.

WOBURN LIBRARY OF NATURAL HISTORY. Edited by . . the Duke of Bedford, *&c.* 5 Vol.

The works constituting this series are entered under the names of their several authors.

[British Mammals. By Sir H. H. Johnston. 1903.] Wanting.
[Wild Fruits of the Country Side. By F. E. Hulme. 1903.] Wanting.
[Butterflies and Moths of the Country Side. By F. E. Hulme. 1904.] Wanting.
British Fresh-water Fishes. By Sir H. Maxwell. 1904.
British Salt-water Fishes. By F. G. Aflalo. 1904.

WOCKE (MAXIMILIAN FERDINAND) [1820–1906] Verzeichniss der Falter Schlesiens. 2 Pt. *See* BRESLAU.—VEREIN FUER SCHLESISCHE INSEKTENKUNDE. Zeitschrift für Entomologie, *&c.* Neue Folge, Hft. III & IV. 8⁰. 1872–74.

Wocke (M. F.) [*Gelechia brunnea* and *Coriscium norvegiellum*, n. spp., described by M. F. Wocke.] *See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Forhandlinger, *&c.* Aar 1893, no. 13. Fortegnelse over Norges Lepidoptera. Af W. M. Schøyen. 8⁰. 1893 (1894).

Wocke (M. F.) & **Heinemann** (H. VON) Die Schmetterlinge Deutschlands und der Schweiz . . . Zweite Abtheilung. Kleinschmetterlinge. Bd. II. Die Motten und Federmotten. Hft. 2. *See* HEINEMANN (H. VON) 8⁰. 1877.

Wocke (M. F.) & **Staudinger** (O.) Catalog der Lepidopteren Europa's und der angrenzenden Länder. *See* STAUDINGER (O.) & WOCKE (M. F.) 8⁰. 1861.

—— [Another edition entitled :] Catalog der Lepidopteren des Europæischen Faunengebiets, *&c.* 8⁰. 1871.

WODARCH (CHARLES) An Introduction to the study of Conchology, *&c. pp. xxiv, 120 : 4 pls.* 8⁰. *London*, 1820.

—— [Another edition entitled :] Wodarch's Introduction to the study of Conchology . . . A new edition . . . by J. Mawe. *pp. xiii, 140 : 7 pls. col.* 8⁰. *London*, 1827.

WODISKA (JULIUS) A Book of Precious Stones. The identification of Gems and Gem Minerals, *&c. pp. xv, 365 : 37 pls. (4 col.)* 8⁰. *New York & London*, 1909.

WOEHLER (FRIEDRICH) [1800–1882] Jahresbericht über die Fortschritte der Physischen Wissenschaften, von . . . F. Wöhler. *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Jahrg. III–XXVI. 8⁰. 1825–41.

Woehler (F.) Annalen der Pharmacie (Bd. XXVI–XXXII [*Continued as :*] Annalen der Chemie und Pharmacie. Bd. XXXIII–CLXVIII [*Continued as :*] Justus Liebig's Annalen, *&c.* Bd. CLXIX–CCXIV) . . . Herausgegeben von . . . F. Wöhler. *See* LIEBIG'S ANNALEN DER CHEMIE, *&c.* 8⁰. 1838–82.

Woehler (F.) Handwörterbuch der reinen und angewandten Chemie . . . herausgegeben von . . . F. Wöhler, *&c. See* LIEBIG (J. VON) *Baron, & others.* 8⁰. 1842–64.

Woehler (F.) [Beispiele zur Uebung in der analytischen Chemie. 1849.]

Wanting.
It was published anonymously, as was a later rewritten edition in 1853 entitled "Practische Uebungen in der chemischen Analyse."

—— [Another edition entitled :] Die Mineral-Analyse in Beispielen . . . Zweite . . . Auflage. *pp. xiv, 234.* 8⁰. *Göttingen*, 1861.

Woehler (F.) Die Meteoriten der Universitäts-Sammlung zu Göttingen, Januar 1874. 8⁰. [*Gottingen*, 1873.]

Nachr. K. Gesell. Wissensch. Göttingen. 1873, *pp. 871–876.*

Woehler (F.) & **Buff** (H.) Ueber neue Verbindungen des Siliciums. *See* BUFF (H.) & WOEHLER (F.) 4⁰. 1857.

WOELFER (THEODOR) Die geologische Specialkarte und die landwirthschaftliche Bodeneinschätzung in ihrer Bedeutung und Verwerthung für Land- und Staatswirthschaft . . . Unter Berücksichtigung der Entwickelung des Rittergutes Selchow insbesondere und des Verwitterungsbodens des diluvialen Geschiebemergels im allgemeinen, *&c. pp. ix, 162 : 2 pls. See* PRUSSIA. — *Koeniglich-Preussische Geologische Landes-Anstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. 11. 8⁰. 1892.

WOELLNERUS (JOANNES GEORGIUS MAGNUS) Dissertatio . . . de generibus Plantarum Medicinæ caussa potius augendis, quam minuendis, quam . . . ventilabit J. G. M. Woellnerus. *See* HEISTER (L.) 4⁰. [1751.]

WOENIG (Franz) [-1899] Die Pflanzen im alten Aegypten: ihre Heimat, Geschichte, Kultur, *&c. pp. 425.* 8⁰. *Leipzig*, 1886.

—— Zweite Auflage, *&c. pp. 425 : text illust.* 8⁰. *Leipzig*, 1897.

WOERLEIN (Georg) [1848-1900] Die Phanerogamen- und Gefässkryptogamen-Flora der Münchener Thalebene mit Berücksichtigung der angrenzenden Gebiete, nebst Aufzählung der sämtlichen von Garcke in seiner Flora von Deutschland 1890 angeführten Arten und Varietäten, *&c. pp. xx, 215 : 1 map col.* 8⁰. *München*, 1894.

WOERTERBUCH. *See* Dictionaries.

WOGLUM (Russell S.) Report of a trip to India and the Orient in search of the natural enemies of the Citrus White Fly. *pp. 58 : 12 pls., text illust. See* United States.—*Department of Agriculture.—Entomology Division.* Bulletin No. 120. 8⁰. 1913.

WOHLFARTH (Rudolf) [1830-1900] Die Pflanzen des Deutschen Reichs, Deutsch-Oesterreichs und der Schweiz. Nach der analytischen Methode zum Gebrauch auf Excursionen, *&c. pp. xvi, 788.* 8⁰. *Berlin*, 1881.

Wohlfarth (R.) W. D. J. Koch's Synopsis der Deutschen und Schweizer Flora. Dritte . . . Auflage . . . herausgegeben von . . . E. Hallier, fortgesetzt von R. Wohlfarth. 3 Bd. *See* Koch (W. D. J.) 8⁰. [1890-] 1892-1907.

WOHLGEMUTH (Emil von) Die Internationale Polarforschung 1882-83.—Die Oesterreichische Polarstation Jan Mayen . . . geleitet vom K.K. Corvetten Capitän E. Edlen von Wohlgemuth, *&c. See* Vienna.—Kaiserliche Akademie der Wissenschaften. 4⁰. 1886.

WOHLLEBEN (Joannes Fridericus) Supplementi ad Leysseri Floram Halensem fasciculus I. *pp. [ii,] 44 : 1 pl.* 8⁰. *Halæ*, 1796.

WOHLTMANN (Ferdinand) [1857-] *See* Tropenpflanzer, Der. Zeitschrift . . . Herausgegeben von . . . F. Wohltmann, *&c.* Jahrg. I→ 8⁰. 1897→

WOHNIG (Karl) Trachytische und andesitische Ergussgesteine vom Tepler Hochland. *pp. 24 : 1 pl. See* Prague.—Beide comités fuer die landesdurchforschung von Boehmen. Archiv, *&c.* Bd. XIII, no. 1. 8⁰. 1904.

WOHNLICH (Wilhelm) Dissertatio anatomica de Helice pomatia et aliquibus aliis huic affinibus animalibus e classe Moluscorum Gasteropodum, *&c. pp. 46 : 1 pl.* 4⁰. *Wirceburgi*, 1813.

WOITSCHACH (Georg) [1856-] Das Granitgebirge von Königshain in der Ober-Lausitz mit besonderer Berücksichtigung der darin vorkommenden Mineralien, Inaugural-Dissertation, *&c. pp. 63 : 1 pl.* 8⁰. *Görlitz*, 1881.

Woitschach (G.) & **Hussak** (E.) Repetitorium der Mineralogie und Petrographie, *&c. See* Hussak (E.) & Woitschach (G.) 8⁰. 1890.

WOJINOWIĆ (Welislaw P.) Beiträge zur Morphologie, Anatomie und Biologie der *Selaginella lepidophylla*, Spring. Inaugural-Dissertation, *&c. pp. 36 : 4 pls.* 8⁰. [*Breslau*, 1890.]

WOLDŘICH (Jan Nepomuk) [1834-1906] Diluviale Europäisch-Nordasiatische Säugethierfauna und ihre Beziehungen zum Menschen. Mit Benutzung hinterlassener Manuscripte des . . . J. F. Brandt. Bearbeitet und mit Zusätzen versehen von J. N. Woldřich. *pp. iv, 162. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VII, tom. XXXV, no. 10. 4⁰. 1887.

Woldřich (Jan N.) Geologické příspěvky k otázce o posledních kontinentalních změnách Evropských. [Geological contribution towards an inquiry on the latest continental changes in Europe.] *pp. 25. See* Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. I, čís. 14. 8⁰. 1892.

Woldřich (Jan N.) Fossilní Zvířena "Turské Maštale" u Berouna v Čechách a rozsedliny Louvernénské ve Francii. (Resumé. Fossile Fauna der Höhle "Turská Maštal" bei Beraun in Böhmen und des "Couloir de Louverné" in Frankreich.) *pp. 16 : 1 pl., text illust. See* Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. II, čís. 15. 8⁰. 1893.

Woldřich (Jan N.) Příspěvek k seznání Budějovické pánve permské a třetihorní. (Resumé. Beitrag zur Kenntnis des permischen und tertiären Beckens von Budweis.) *pp. 21 : text illust. See* Prague.—Koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1893, no. 4. 8⁰. 1894.

Woldřich (Jan N.) O fossilním kozorožci z Čech a z Moravy vůbec a lebce z Radotina zvláště. (Resumé. Ueber den fossilen Steinbock aus Böhmen und Mähren in Allgemeinen und über den Schädel aus Radotín insbesonders.) *pp. 15 : 1 pl. See* Prague.—Koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1894, no. 23. 8⁰. 1895.

Woldřich (Jan N.) Některé geologické zjevy aerodynamické v okolí Pražském. (Resumé. Ueber einige geologisch-aërodynamische Erscheinungen in der Umgebung Prags.) *pp. 20 : 2 pls. See* Prague.—Koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1895, no. 31. 8⁰. 1896.

Woldřich (Jan N.)
Fossilní fauna stepní z Košířské Bulovky u Prahy a její geologicko-fysiografický vyznam. [Fossil Fauna of the steppes at Košíř, Bulovka, near Prague, and its geologico-physiographical bearings.] *pp. 40 : 2 pls.*
Geologické příspěvky z prahorního útvaru jižních Čech. [Geological contribution on the primary rocks of southern Bohemia.] *pp. 14 : text illust.*
See Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. VI, čís. 1 & 20. 8⁰. 1897.

Woldřich (Jan N.) Geologische Studien aus Südböhmen. I. Aus dem Böhmisch-Mährischen Hochlande. Das Gebiet der oberen Nežárka. *pp. 67 : 1 pl., 2 maps (1 col.), text illust. See* Prague.—Beide comités fuer die landesdurchforschung von Boehmen. Archiv, *&c.* Bd. XI, no. 4. 8⁰. 1898.

Woldřich (Jan N.) Přehled Fauny obratlovců z "Českého massivu" za éry anthropozoické (diluviální a předhistorické). [Summary of the anthropozoic (diluvial and prehistoric) Vertebrate Fauna of the Bohemian Massiv.] *pp. 40. See* Prague.—Koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1897, no. 25. 8⁰. 1898.

Woldřich (Jan N.) Ložiště Mamutích kosti ve Svobodných Dvorech u Hradce Králové. [On a deposit of Mammoth bones near Königgratz.] *pp. 6 : text illust. See* Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. VIII, čís. 33. 8⁰. 1899.

Woldřich (Jan N.) Geologicko-palaeontologické příspěvky z Křídového útvaru u Ostroměře. [Contribution to the geological and palæontological knowledge of the Cretaceous strata in the neighbourhood of Ostroměř. With a résumé in German.] *pp. 27 : text illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1899, no. 27. 8⁰. 1900.

Woldřich (Jan N.) Tábořiště diluvialního Člověka a jeho kulturní stupeň v Jenerálce u Prahy a v několika dalších nálezištích Českých. [On the camping site of diluvial Man and on his degree of culture, at Jenerálka near Prague, and on some further discoveries in Bohemia.] *pp. 37 : 12 pls., text illust. See* Prague.—česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. ix, čís. 1. 8⁰. 1900.

Woldřich (Jan N.) Das Nordostböhmische Erdbeben vom 10. Jänner 1901. *pp. 56 : 2 maps (col.). See* Vienna.—kaiserliche akademie der wissenschaften. Mittheilungen der Erdbeben-Commission, *&c.* Neue Folge, No. vi. 8⁰. 1901.

Woldřich (Jan N.) Příspěvky z Experimentální Geologie. [A contribution to Experimental Geology.] *pp. 22 : text illust. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1901, no. 1. 8⁰. 1902.

Woldřich (Jan N.) & **Ježek** (B.) Příspěvek k řešení otázky tektitové. [Contribution to the solution of the Tektite question.] *pp. 12 : 1 pl. See* Prague.—česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xix, čís. 30. 8⁰. 1910.

Woldřich (Jan N.) & **Woldřich** (Josef) Geologische Studien aus Südböhmen. ii. Wolynkathal im Böhmerwalde. *pp. 134 [2] : 1 map geol. col., text illust. See* Prague.—beide comités fuer die landesdurchforschung von boehmen. Archiv, *&c.* Bd. xii, no. 4. 8⁰. 1904.

WOLDŘICH (Josef) [1880–] Žilné horniny a Sudslavický vápenec z údolí Volyňky. [Mineral Veins in the southern Slavonian limestones in the Volyňky valley.] *pp. 41 : text illust. See* Prague.—česká akademie císaře františka josef, *&c.* Rozpravy . . . Třída II. Roč. x, čís. 33. 8⁰. 1901.

Woldřich (Josef) Metamorfovaný žulový porfyr a jiné vyvřeliny ze Šumavy. [Metamorphosis of the Granite Porphyry and other eruptive rocks from Sumavy.] *pp. 21 : 2 pls. See* Prague.—česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xvi, čís. 17. 8⁰. 1907.

Woldřich (Josef)
Geologické a tektonické studie v Karpatech sev. od Dobšiné. [Geological and tectonic studies in the Carpathians near Dobschin.] *pp. 45 : 1 pl. col., 1 map geol. col., text illust.*
Montanisticko-geologiclé studie ve Spišsko-Gömörském Rudohoři severné od Dobšiné v Uhrách. [Tectonic and geological studies at Spišsko-Gömörsk Rudohoři north of Dobschau near Uhrách.] *pp. 23 : 2 pls., text illust.*
See Prague.—česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xxi, čís. 10 & 37. 8⁰. 1912.

Woldřich (Josef) & (J. N.) Geologische Studien aus Südböhmen. ii. Das Wolynkathal im Böhmerwalde. *pp. 134 [2] : 1 map geol. col., text illust. See* Prague. beide comités fuer die landesdurchforschung von boehmen. Archiv, *&c.* Bd. xii, no. 4. 8⁰. 1904.

WOLDT (A.) Capitain Jacobsen's Reise an der Nordwestküste Amerikas 1881–1883 . . . Bearbeitet von A. Woldt. *See* Jacobsen (J. A.) 8⁰. 1884.

WOLF (Eugen) Phyllopoda [from south-western Australia.] *See* Michaelsen (W.) Die Fauna Südwest-Australiens, *&c.* Bd. iii, lief. 9. 8⁰. 1911.

WOLF (Ferdinand Otto) Guide du Botaniste en Valais par le Chanoine Rion publié . . . par R. Ritz et F. O. Wolf. *See* Rion ( ) *le Chanoine.* 8⁰. 1872.

WOLF (Franz Theodor) [1841–] Potentillen-Studien. 2 Pt. *illust.* 8⁰. *Dresden*, 1901, 03.

Wolf (Franz T.) Monographie der Gattung *Potentilla. pp. vi [i,] 714 [1] : 20 pls., 2 maps, text illust. See* Bibliotheca Botanica, *&c.* Hft. 71. 4⁰. 1908.

WOLF (Frederick A.) & **Heald** (F. D.) A Plant-Disease survey in the vicinity of San Antonio, Texas. *pp. 129 : 19 pls. See* United States.—*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 226. 8⁰. 1912.

WOLF (Gaspard) *See* Wolphius (C.)

WOLF (Johann) [1765–1824] Deutschlands Fauna . . . iii. Abtheilung. Die Amphibien. Hft. 2–4. *See* Sturm (J.) 8⁰. 1799–1805.

Wolf (Johann) Deutschlands Fauna . . . vi. Abtheilung. Die Würmer. [Mollusca. Vorerinnerung & Hft. 1 & 2 edited in conjunction with J. Wolf.] *See* Sturm (J.) 8⁰. 1803–06.

Wolf (Johann) C. C. Oelhafen von Schöllenbach . . . Abbildung und Beschreibung der wilden Bäume, Stauden und Buchgewächse fortgesetzt von J. Wolf. Thl. iii. *See* Oelhafen von Schoellenbach (C. C.) 4⁰. 1804.

Wolf (Johann) Des Ritters C. von Linné vollständigen Natursystems Fortsetzung, nach der dreizehnten Lateinischen Ausgabe, mit ausführlicher Erklärung und Berichtigung der Müllerschen Uebersetzung der zwölften Lateinischen Ausgabe von J. Wolf . . . Zweiter Theil, *&c. See* Linnæus (C.) afterwards Linné (C. von). 8⁰. 1808.

Wolf (Johann) Abbildungen und Beschreibungen merkwürdiger naturgeschichtlicher Gegenstände. 2 Bd. *illust. col.* 4⁰. *Nürnberg*, (1816–) 1818–22.

Wolf (Johann) & **Meyer** (B.) Naturgeschichte der Vögel Deutschlands in getreuen Abbildungen und Beschreibungen. (Histoire naturelle des Oiseaux de l'Allemagne, *&c.*) 2 Vol. & Atlas, *176 pls. col.* fol. *Nuremburg*, 1805 [–21].

German and French in parallel columns.
The work was issued in twenty-nine parts, each having six plates with their text: a thirtieth part was in preparation, and others projected, in January, 1821.
Hft. 1–15 constitute the first volume, of which the text to hft. 1–7 was by Wolf alone.
In Vol. i of the "Taschenbuch" by the same authors, of which the preface is dated Aug. 1809, Hft. 20 of the present work is referred to on p. 88.
The numbers 123–130 have been omitted in the pagination of Vol. i, and 91–92 in that of Vol. ii: the text in both cases is complete.
For a list of the contents of the parts, *See* note by Wolf in "Isis," Bd. viii, 1821, Beylage No. 4. This list differs somewhat from the actual contents of the volumes, and the published list of the plates in Vol. i.

Wolf (Johann) & **Meyer** (B.) Taschenbuch der Deutschen Vögelkunde, *&c.* 2 Thl. *See* Meyer (B.) & Wolf (J.) 8⁰. 1810.

—— Zusätze, *&c.* [Thl. 3.] 8⁰. 1822.

WOLF (Johann Jakob Bremi) *See* Bremi-Wolf.

WOLF (JOHANN RUDOLF) [1816–1893] J. Gessner [By R. Wolf.] *pp. 27 : 1 port. See* ZURICH.—NATURFORSCHENDE GESELLSCHAFT. An die Zürcherische Jugend auf das Jahr 1846. Stück XLVIII. 4⁰. 1846.

WOLF (JOSEF) [1820–1899] Zoological Sketches by J. Wolf. Made for the Zoological Society . . . from Animals in their vivarium . . . Edited, with notes, by [D. W. Mitchell, and afterwards] P. L. Sclater, *&c. 50 pls. col., with descriptive letterpress, engr. title.* fol. *London*, 1861.

—— Second Series. *50 pls. col., with descriptive letterpress, engr. title.* fol. *London*, 1867.

Wolf (JOSEF) The Book of Antelopes . . . Illustrated by J. Wolf, *&c.* 4 Vol. *See* SCLATER (P. L.) & THOMAS (M. R. O.) 4⁰. 1894–1900.

Wolf (JOSEF) & **Elliot** (D. G.) The Life and Habits of Wild Animals illustrated by designs by J. Wolf . . . with descriptive letter-press by D. G. Elliot. *pp.* [*viii,*] *72 : 20 pls.* 4⁰. *London*, 1874.
Large-paper copy.

WOLF (NATHANAEL MATTHAEUS VON) [1724–1784] Genera et species Plantarum vocabulis characteristicis definita, *&c.* [By N. M. Wolf.] *See* PLANTS. 8⁰. 1776–81.

WOLF (R.) Krankheiten der landwirtschaftlichen Nutzpflanzen durch Schmarotzerpilze . . . Herausgegeben von . . . W. Zopf. *pp. viii, 150 : text illust.* 8⁰. *Berlin*, 1887.

WOLF (RUDOLF) *See* WOLF (JOHANN R.)

WOLF (THEODOR) *Botanist. See* WOLF (FRANZ T.)

WOLF (THEODOR) *Geologist* [1841–] Carta geográfica del Ecuador, *&c. See* ECUADOR. [*Maps.*] 1892.

Wolf (THEODOR) *Geologist.* Geografía y Geología del Ecuador, *&c. pp. xii, 671 : 12 pls., 2 maps col., text illust.* 8⁰. *Leipzig*, 1892.
This work is intended to accompany the map of "Ecuador" [*q.v.*] by the same author.

Wolf (THEODOR) *Geologist.* Die Vulkanberge von Colombia . . . Ergänzt und herausgegeben von T. Wolf. *See* STUEBEL (M. A.) 4⁰. 1906.

WOLFART (PETER) [1675–1726] Amœnitatum Hassiæ inferioris subterraneæ specimen primum, quod . . . præside D. P. Wolfart . . . exponet J. H. Herbst, *&c. pp. 30* [*2*]. 4⁰. *Cassellis* [1711].

Wolfart (P.) Historiæ Naturalis Hassiæ inferioris pars prima, *&c.* Der Natur-Geschichte des Nieder-Fuerstenthums Hessen. Erster Theil.† LAT. & GERM. *pp. 52 : 26 pls.* fol. *Cassel*, 1719.

WOLFENDEN (RICHARD NORRIS) Notes on the Collection of Copepoda [from around the Maldive Islands.] *See* GARDINER (J. S.) The Fauna and Geography of the Maldive and Laccadive Archipelagoes, *&c.* Vol. II, no. 27. 4⁰. 1905.

Wolfenden (R. N.) Plankton Studies : preliminary notes upon new or interesting species. 2 Pt. *illust.* 4⁰. *London & New York*, 1905, 06.

—— [Another issue.] Pt. I. 4⁰. *London & New York*, 1905.
A corrected copy, with printed slips pasted over the original text.

WOLFF (A.) *of Wurzburg.* [Algæ and Lichenes of Portugal] *See* COIMBRA.—UNIVERSIDADE. Contribuitiones ad Floram Cryptogamicam Lusitanicam, *&c.* 8⁰. 1880.

WOLFF (ARTHUR) Zur Kenntnis der Veränderungen in der Bakterienflora der frischen Milch während des sog. Inkubationsstadiums. Inaugural-Dissertation, *&c. pp.* [*2*] *88.* 8⁰. *Zürich*, 1908.

WOLFF (CASPAR) *of Zurich. See* WOLPHIUS.

WOLFF (CASPAR FRIEDRICH) [1733–1794] C. F. Wolff über die Bildung des Darmkanals im bebrüteten Hühnchen. Uebersetzt und mit einer einleitenden Abhandlung und Anmerkungen versehen von J. F. Meckel. *pp. 263* [*1*] *: 2 pls.* 8⁰. *Halle*, 1812.

Wolff (CASPAR F.) Die Idee der Pflanzen-Metamorphose bei Wolff, *&c. See* KIRCHHOFF (A.) 4⁰. 1867.

WOLFF (CHRISTIAN VON) *Baron* [1679–1754] [Entdeckung der wahren Ursache von der wunderbahren Vermehrung des Getreydes, dadurch zugleich der Wachsthum der Bäume und Pflantzen überhaupt erläutert wird, *&c.* 4⁰. *Halle im Magdeburgischen*, 1725.]
Wanting.

—— Zum Drittenmahle herausgegeben. *pp. x, 140 : 1 pl.* 4⁰. *Halle im Magdeburgischen*, 1750.

Wolff (CHRISTIAN VON) *Baron.* Erläuterung der Entdeckung der wahren Ursache von der wunderbahren Vermehrung des Getreydes, darinnen auf die . . . Erinnerungen, welche darüber heraus kommen, geantwortet wird . . . *&c. pp. viii, 44.* 4⁰. *Frankfurt & Leipzig*, 1730.

WOLFF (EDUARD) [1794–] Dissertatio inauguralis de Colchici autumnalis usu medico, quam . . . defendet auctor, *&c. pp.* [*iv,*] *48.* 8⁰. *Berolini*, 1818.

WOLFF (EMIL THEODOR VON) [1818–1896] Die chemischen Forschungen auf dem Gebiete der Agricultur und Pflanzenphysiologie *pp. viii, 549.* 8⁰. *Leipzig*, 1847.

Wolff (EMIL T. VON) Das Keimen, Wachsthum und die Ernährung der Pflanzen. Ein populärer Vortrag, *&c. pp. 58.* 8⁰. *Bautzen*, 1849.

WOLFF (FERDINAND VON) [1874–] Die älteren Gesteine der Ecuatorianischen Ost-Cordillere sowie die des Azuay und eines Teiles der Cuenca-Mulde. *See* REISS (J. W.) W. Reiss : Ecuador 1870-1874. Petrographische Untersuchungen, *&c.* Hft. 2, no. 3. 4⁰. 1904.

Wolff (FERDINAND VON) Der Vulkanismus. Bd. I→ 8⁰. *Stuttgart*, 1913→

WOLFF (FRIEDRICH MAURITZ) [1853–] Untersuchung von Melaphyren aus der Gegend von Kleinschmalkalden. Dissertatio inauguralis petrographica, *&c. pp. 30 : 3 pls.* 8⁰. *Halis Saxonum*, 1878.
Zeitsch. gesammt. Naturw. Bd. LI.

WOLFF (GEORGIUS ARMINIUS) Dissertatio inauguralis de Radice Caincæ, *&c. pp. 24.* 8⁰. *Marburgi*, 1831.

WOLFF (HERMANN) Umbelliferæ-Apioideæ-Bupleurum, Trinia et reliquæ Ammineæ heteroclitæ. *See* ENGLER (H. G. A.) Das Pflanzenreich, *&c.* Hft. 43 (IV. 228). 8⁰. 1910.

WOLFF (JOHANN FRIEDRICH) [1778–1806] Icones Cimicum descriptionibus illustratæ. 5 Fasc. *pp.* [*ii,*] *viii, 214 : 20 pls. col.* 4⁰. *Erlangæ*, 1800–11.

—— [Contemporary German edition] Abbildungen der Wanzen, *&c.* 5 Hft. *pp.* [*ii,*] *viii, 208 : 20 pls. col.* 4⁰. *Erlangen*, 1800–11.
The fifth part in each edition was edited, with a short biographical preface, by the author's father J. P. Wolff, the younger, of Schweinfurt.

Wolff (JOHANN F.) Dissertatio inauguralis de *Lemna, &c. pp. iv, 32 : 1 pl.* 4⁰. *Altorfii & Norimbergæ*, 1801.

WOLFF (JOHANN PHILIP) [1747-] Icones Cimicum (Abbildungen der Wanzen), *&c.* Pt. 5. [Edited with a short biographical preface by J. P. Wolff.] *See* WOLFF (J. F.) 4⁰. 1811.

WOLFF (JOHN ELIOT) [1857-] & **others.** The Geology of Hoosac Mountain and adjacent territory. *See* UNITED STATES.—*Geological Survey.* Monographs, *&c.* Vol. XXIII, pt. 2. 4⁰. 1894.

WOLFF (JULIUS) [1836-] Untersuchungen über die Entwicklung des Knochengewebes. *pp. 87 : 2 pls.* 8⁰. *Leipzig*, 1875.

WOLFF (LUDWIG) Dissertatio anatomica de organo vocis Mammalium, quam ... præside C. A. Rudolphi ... defendet auctor, *&c. pp. x, 46 : 4 pls.* 4⁰. *Berolini* [1812].

WOLFF (MAX) Der Kiefernspanner (*Bupalus piniarius*, L.). Versuch einer forstzoologischen Monographie, *&c. pp.* [*ii,*] *290 : 6 pls.* (*1 col.*), *1 map, text illust.* 8⁰. *Berlin*, 1913.

"Beiheft zur Zeitschrift für Forst- und Jagdwesen 1913."
(Aus der Abteilung für Pflanzenkrankheiten des Kaiser-Wilhelms-Instituts für Landwirtschaft in Bromberg.)

WOLFF (OTTO IMMANUEL BERNHARD) [1835-] Das Riechorgan der Biene, nebst einer Beschreibung des Respirationswerkes der Hymenopteren, des Saugrüssels und Geschmacksorganes der Blumenwespen, einer vergleichenden Betrachtung der Riechhaut sämmtlicher Aderflüglerfamilien und Erläuterungen zur Geruchs- und Geschmacksphysiologie. *pp. 251 : 8 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXXVIII, no. 1. 8⁰. 1875 (1876).

WOLFF (REINHOLD) Beitrag zur Kenntniss der Schmarotzerpilze. (*Erysiphe graminis* und *E. communis.*) Habilitationsschrift, *&c. pp. 39 : 2 pls.* 8⁰. *Berlin*, 1875.

Landwirths. Jahrb.

Wolff (R.) *Æcidium Pini*, Pers., und sein Zusammenhang mit *Coleosporium Senecionis*, Lév., *&c. pp.* [*viii,*] *26* [*2*] *: 2 pls.* (*col.*) 4⁰. *Riga* [1876].

Festschrift offered by the Polytechnic School at Riga to the Academy of Sciences at St. Petersburg, on the occasion of the 150th anniversary of its foundation.

WOLFF (WILHELM) Versteinerungen des Tertiärs [of East Africa]. *See* DEUTSCH-OST-AFRIKA. Bd. VII, thl. II, abh. 3. 8⁰. 1900.

WOLFFER (FRIDERICUS) Prodromus Methodi Mammalium ... inauguralem disputationem propositus ... respondente F. Wolffer. *See* STORR (G. C. C.) 4⁰. 1780.

WOLFFHUEGEL (KURT) Beitrag zur Kenntnis der Vogelhelminthen. Inaugural-Dissertation, *&c. pp. 204 : 7 pls.* 8⁰. *Freiburg i. Br.*, 1900.

WOLFFIUS (GEORGIUS CHRISTOPHORUS) Dissertatio inauguralis medica de Vincetoxico, quam ... submisit G. C. Wolffius, *&c. See* WEDELIUS (J. A.) 4⁰. [1720.]

WOLFFSOHN (JOHN ALFRED) & **Porter** (C. E.) Catalogo metodico de los Mamíferos Chilenos existentes en el Museo de Historia Natural de Valparaiso el 31 de Diciembre de 1905. *See* VALPARAISO.—*Museo de Historia Natural.* 8⁰. 1908.

WOLFGANG (JAN) [1776-1859] Rzecz o Herbacie czytana na posiedzeniu Cesarskiego Towarzystwa Lekarskiego w Wilnie ... 1822, *&c.* [Address on Tea read at a session of the Imp. Medico-Chirurgical Academy at Wilna in 1822.] *pp. 56.* 8⁰. *Wilno*, 1823.

WOLGER (GEORGIUS HENRICUS OTTO) *See* VOLGER.

WOLLASTON (ALEXANDER FREDERICK RICHMOND) [1875-] From Ruwenzori to the Congo : a Naturalist's journey across Africa. [With an Introduction by W. R. Ogilvie-Grant.] *pp. xxv, 315 : 49 pls., 2 maps.* 8⁰. *London*, 1908.

WOLLASTON (THOMAS VERNON) [1822-1878] Insecta Maderensia ; being an account of the Insects of the Islands of the Madeiran Group. *pp. xliii, 634 : 13 pls. col.* 4⁰. *London*, 1854.

Wollaston (T. V.) Coleoptera Maderensia. *pp. 35.* 4⁰. *London*, 1854.

A separate and repaged issue of the Introduction (pp. ix-xliii) to his "Insecta Maderensia," *q.v.*

Wollaston (T. V.) On the Variation of Species, with especial reference to the Insecta ; followed by an inquiry into the nature of genera. *pp. vi* [*ii.*] *206.* 8⁰. *London*, 1856.

Wollaston (T. V.) Catalogue of the Coleopterous Insects of Madeira in the ... Museum. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Coleoptera.*] 8⁰. 1857.

Wollaston (T. V.) Catalogue of the Coleopterous Insects of the Canaries in the ... Museum. *See* BRITISH MUSEUM (NATURAL HISTORY). *Zoology.* [*Coleoptera.*] 8⁰. 1864.

Wollaston (T. V.) Coleoptera Atlantidum, being an enumeration of the Coleopterous Insects of the Madeiras, Salvages, and Canaries. (Appendix) *pp. xlvii, 526* (*140*) *: 1 map.* 8⁰. *London*, 1865.

Wollaston (T. V.) Coleoptera Hesperidum, being an enumeration of the Coleopterous Insects of the Cape Verde Archipelago. *pp. xxxix, 285 : 1 map.* 8⁰. *London*, 1867.

Wollaston (T. V.) On the genera of the Cossonidæ. 8⁰. [*London*, 1873.]

Trans. Entom. Soc. London. 1873. *pp. 427-657.*

Wollaston (T. V.) Coleoptera Sanctæ-Helenæ. *pp. xxv, 256 : 1 pl.* 8⁰. *London*, 1877.

Wollaston (T. V.) Testacea Atlantica ; or the Land and Freshwater Shells of the Azores, Madeiras, Salvages, Canaries, Cape Verdes, and Saint Helena. *pp. xi, 588.* 8⁰. *London*, 1878.

Wollaston (T. V.) [Autograph List of] Numbers relating to the localities of the Madeira Insects [*i.e.* Coleoptera] in the British Museum. 4⁰. [1856.]

WOLLASTON (WILLIAM HYDE) [1766-1828] Crimson-coloured Snow and Meteoric Iron [from the Arctic Regions]. *See* ROSS (*Sir* J.) A Voyage of discovery ... for the purpose of exploring Baffin's Bay, *&c.* Appendix III. 4⁰. 1819.

—— —— Second edition. Vol. II, appendix V. 8⁰. 1819.

WOLLE (FRANCIS) [1817-1893] Desmids of the United States and List of American Pediastrums, *&c. pp. 168 : 53 pls. col.* 8⁰. *Bethlehem, Pa.*, 1884.

Wolle (F.) Fresh-water Algæ of the United States (exclusive of the Diatomaceæ), *&c. pp. 364.* Atlas, *157 pls. col.* 8⁰. *Bethlehem, Pa.*, 1887.

Wolle (F.) Diatomaceæ of North America, *&c. pp. 47 : 112 pls., with descriptive letterpress.* 8⁰. *Bethlehem, Pa.*, 1890.

WOLLEB (DANIEL) Observationes botanico-medicæ, quas . . . submittit W. de La Chenal . . respondente . . . D. Wolleb, *&c.* *See* LA CHENAL (W. DE) 4⁰. [1776.]

—— [Another edition.] *See* USTERI (P.) Delectus opusculorum botanicorum, *&c.* Vol. I. No. 4. 8⁰. 1790.

WOLLEBÆK (ALF) Some biological Notes.—Decapoda collected during . . . 1897 & 98. *pp. 29 : 2 pls., text illust.* *See* NORWAY. — *Norwegian Fishery and Marine Investigations.* Report, *&c.* Vol. I. 1900, no. 1 & 4. 8⁰. 1900.

Wollebæk (A.) Le développement du genre *Sclerocrangon* (G. O. Sars). *pp. 8 : 2 pls.* *See* BERGEN. — BERGENS MUSEUM. Bergens Museums Aarbog 1906, *&c.* No. 11. 8⁰. 1906.

Wollebæk (A.) Remarks on Decapod Crustaceans of the North Atlantic and the Norwegian Fiords (I & II). *pp. 77 : 13 pls., text illust.* *See* BERGEN. — BERGENS MUSEUM. Bergens Museums Aarbog, 1908, no. 12. 8⁰. 1909.

Wollebæk (A.) Nordeuropæiske Annulata Polychæta. I. Ammocharidæ, Amphictenidæ, Ampharetidæ, Terebellidæ og Serpulidæ. *pp. 144 : 51 pls., text illust.* *See* CHRISTIANIA.—VIDENSKABS SELSKABET. Skrifter, *&c.* 1911, no. 18. 8⁰. 1912.

WOLLEMANN (ERNST AUGUST) [1862–] Zur Kenntniss der Erzlagerstätte von Badenweiler und ihrer Nebengesteine. *pp. 39.* *See* WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* Neue Folge, Bd. XIX, no. 9. 8⁰. 1887.

Wollemann (E. A.) Die Bivalven und Gastropoden des Deutschen und Holländischen Neocoms. *pp. 180 : text illust.* Atlas, *8 pls.* *See* PRUSSIA. — *Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. XXXI. 8⁰. 1900.

Wollemann (E. A.) Die Fauna der Lüneburger Kreide. *pp. 129, iii : 7 pls.* *See* PRUSSIA.—*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. XXXVII. 4⁰. & fol. 1902.

Wollemann (E. A.) & **Mueller** (G.) Die Molluskenfauna des Untersenon von Braunschweig und Ilsede. II. Die Cephalopoden. *pp. 30 : text illust.* Atlas, *11 pls.* *See* PRUSSIA. — *Koeniglich - Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, Hft. XLVII. 8⁰. & 4⁰. 1906.

WOLLEY (CLIVE PHILLIPPS) *See* PHILLIPPS-WOLLEY.

WOLLEY (JOHN) [1823–1859] A Catalogue of Eggs collected in Lapland chiefly in . . . 1858. *pp. 16.* 8⁰. *London*, 1859.

Sale Catalogue.

Wolley (J.) Abstract of . . . J. Wolley's researches in Iceland respecting the Gare-Fowl or Great Auk (*Alca impennis*, Linn.). *See* NEWTON (A.) 8⁰. 1861.

Wolley (J.) Ootheca Wolleyana : an illustrated catalogue of the collection of Birds' Eggs, begun by . . . J. Wolley, *&c.* Vol. I.† *See* NEWTON (A.) 8⁰. 1864, 1902.

WOLLF (ANTON) [1846–] Vier Fälle von *Echinococcus hominis*, nebst Bemerkungen über das Vorkommen der Echinokokken in Breslau. Inaugural Dissertation, *&c.* *pp. 33* [*1*]. 8⁰. *Breslau*, 1869.

WOLLIN (CHRISTIAN) [1730–1798] Dissertatio academica de natura ac indole Chemicæ Puræ, cujus partem priorem . . . præside . . . C. Wollin submittit A. J. Retzius, *&c.* *pp. 76.* 4⁰. *Londini Gothorum* [1764].

WOLLNY (MARTIN EWALD) [1846–1901] Ueber die Anwendung der Elektricität bei der Pflanzenkultur, *&c.* *pp. 37.* 8⁰. *München*, 1883.

Wollny (M. E.) Saat und Pflege der landwirthschaftlichen Kulturpflanzen, *&c.* *pp. xvi, 2, 833 : text illust.* 8⁰. *Berlin*, 1885.

WOLLRATH (JOHANNES GUSTAVUS) Dissertatio de Horticultura academica, quam . . . offert . . . J. G. Wollrath, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1754.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates, *&c.* Vol. IV, no. 60. 8⁰. 1759.

—— —— Editio secunda, *&c.* 8⁰. 1788.

WOLPHIUS (CASPARUS) [*c.* 1525–1601] C. Gesneri . . . de Aconito primo Dioscoridis, asseveratio. Et ejusdem de Oxymelitis elleborati utriusque descriptione & usu libellus. Omnia . . . per C. Wolphium . . . in lucem data. *See* GESNER (C.) [*Botanical Works.*] 4⁰. 1577.

Wolphius (C.) De Stirpium collectione tabulæ tum generales, tum per duodecim menses . . . nunc authoris opera locupletatæ, & de novo in usum Pharmacopolarum luci datæ, *&c.* *See* GESNER (C.) [*Botanical Works.*] 12⁰. 1587.

Wolphius (C.) De Scorpione. Kurtze Beschreybung dess Scorpions, *&c.* *See* GESNER (C.) [*Zoological Works.*] De Serpentibus, *&c.* fol. 1613.

Wolphius (C.) C. Gesneri . . . historiæ Insectorum libellus, qui est de Scorpione. Per C. Wolphium . . . ex relicto schedarum fasciculo . . . collectus, *&c.* *See* GESNER (C.) [*Zoological Works.*] C. Gesneri . . . historiæ Animalium liber V [Second Edition], *&c.* fol. 1621.

WOLTER (J. W.) & **others.** Plantæ officinales (medicinales) . Mit . . . Beschreibungen von . . . J. W. Wolter, *&c.* 5 Vol. *See* WEYHE (M. F.) *& others.* fol. 1828–33.

WOLTERECK (RICHARD L. F.) [1877–] Trochophora-Studien. I. Ueber die Histologie der Larve und die Entstehung des Annelids bei den *Polygordius*-Arten der Nordsee. *pp. 71 : 11 pls. (col.), text illust.* *See* ZOOLOGICA. Bibliotheca Zoologica, *&c.* Bd. XIII, hft. 34. 4⁰. 1902.

Woltereck (R. L. F.) Ueber die Entwicklung der *Velella* aus einer in der Tiefe vorkommenden Larve. Erste Mittheilung über die Tiefenplankton-Fänge der Zoologischen Station in Villefranche s. M. *See* ZOOLOGISCHE JAHRBUECHER, *&c.* Supplement-Band VII. 8⁰ 1904.

Woltereck (R. L. F.) Ueber Funktion, Herkunft und Entstehungsursachen der sogen. "Schwebe-Fortsätze" pelagischer Cladoceren. *pp. 76 : text illust.* *See* ZOOLOGICA, *&c.* Bd. XXVI, hft. 67 [no. 14]. 4⁰. 1913.

WOLTERSTORFF (WILLY GEORG) [1864–] Ueber die Meeresfauna der Magdeburger Grauwacke.—Ueber die Auffindung des Unteroligocäns in Magdeburg-Sudenburg. *See* MAGDEBURG.—NATURWISSENSCHAFTLICHER VEREIN. Festschrift, *&c.* 8⁰. 1894.

WOLTKE (G.) *See* VOL'TKE.

WOLVES. An account of Wolves nurturing children in their dens. By an Indian official [*i.e.* Col. Sleeman]. *pp. 15.* 8⁰. *Plymouth*, 1852.

WOLZOGEN (LUDWIG VON) [1635–1690] L. Wolzogen oratio funebris in decessum . . . N. Tulpii, *&c.* *See* TULPIUS (N.) N. Tulpii . . . Observationes medicæ. Editio sexta, *&c.* 8⁰. 1739.

WONG (ALFRED AUGUST) Salices Lapponiæ. Quarum descriptiones . . . p. p. N. J. Anderson . . . et A. A. Wong . . . Pars I. *See* ANDERSSON (N. J.) 8⁰. 1845.

WOOD (ALBERT) A List of Land and Freshwater Shells, found at Sutton Coldfield. *pp. 12.* 8⁰. *Leeds*, 1897.

WOOD (ALPHONSO) [1810–1881] [Class-book of Botany . . . Illustrated by a Flora of the . . . United States, *&c.* 8⁰. *Boston* (*Mass.*), 1845.]
Wanting.

—— [Another edition.] *pp. xx, 843 : text illust.* 8⁰. *New York, &c.* [1880.]

Wood (ALPHONSO) [Fourteen Weeks in Botany. 8⁰. *New York*, 1879.]
Wanting.

—— [Another edition entitled :] How to Study Plants, or, Introduction to Botany, being an illustrated Flora . . . Edited by J. D. Steele to accompany the "Fourteen Weeks Series in Natural Science." *pp. 318.* 8⁰. *New York & Chicago* [1887].

WOOD (CHARLES THOROLD) The Ornithological Guide, *&c.* *pp. 236* [*4*]. 8⁰. *London* [1835].

WOOD (EDWARD SEPTIMUS) Report upon the Deodar Forests of Bussahir, *&c.* *See* INDIA.—*Public Works Department.* Reprint . . . of Records, *&c.* No. 3. fol. 1865.

Wood (E. S.) Third Annual Report on the Management and Conservancy of the Oudh Forests, for . . . 1864. *See* INDIA.—*Public Works Department.* Reprint . . of Records, *&c.* No. 6. fol. 1866.

WOOD (ELVIRA) *Miss.* A critical summary of Troost's unpublished manuscript on the Crinoids of Tennessee. *pp. ix, 150 : 15 pls., 1 port.* *See* UNITED STATES NATIONAL MUSEUM. Bulletin 64. 8⁰. 1909.

WOOD afterwards **Shakespear** (ETHEL MARY READER) *Mrs.* & **Elles** (G. L.) *Miss.* A Monograph of British Graptolites . . . Edited by C. Lapworth. Pt. I→ *See* PALÆONTOGRAPHICAL SOCIETY. 4⁰. 1901→

WOOD (HARRIE) Mineral Products of New South Wales. *See* NEW SOUTH WALES.—*Department of Mines & Agriculture.* 4⁰. 1887.

WOOD (HENRY) A Season among the Wild Flowers. *pp. 250 : text illust.* 8⁰. *London*, 1883.

WOOD (HERBERT P.) & **others.** The Life History and Bionomics of some North American Ticks. *pp. 239 : 15 pls., text illust.* *See* UNITED STATES.—*Department of Agriculture.—Entomology Division.* Bulletin No. 106. 8⁰. 1912.

WOOD (HORATIO CURTIS) [1841–] On the Chilopoda of North America, with a catalogue of all the specimens in the collection of the Smithsonian Institution. *pp. 52.* 4⁰. *Philadelphia*, 1862.
Journ. Acad. Nat. Sci. Philad. Ser. II, vol. v.

Wood (HORATIO C.) A Contribution to the History of the Fresh-water Algæ of North America. *pp. 262 : 21 pls. col.* *See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. XIX, art. 3. 4⁰. 1872.

WOOD (J. J.) A Hand Book of the Trees, Shrubs and Herbaceous Plants growing in the Madras Agri-Horticultural Society's Gardens and neighbourhood of Madras . . . Second edition . . revised. With a Supplement, by J. J. Wood. *See* BROWN (R. N.) 8⁰. 1866.

WOOD (JOHN) *Captain.* Capt. Wood's Voyage through the Streights of Magellan. *See* VOYAGES. A Collection of Voyages, *&c.* Vol. IV. 8⁰. 1729.

Wood (JOHN) *Captain.* Reise . . . durch die Magellanische Strasse—[Voyage to the North-east. 1676]. *See* ARKSTEE ( ) & MERKUS ( ) Allgemeine Historie der Reisen, *&c.* Bd. XII & XVII. 4⁰. 1754, 59.

WOOD (JOHN) *Captain I.N.* [1811–1871] A . . . journey to the Source of the River Oxus by the route of the Indus, Kabul, and Badakhshan . . . in 1836–38. *pp. xv, 424 : 1 map.* 8⁰. *London*, 1841.

WOOD (JOHN BLAND) [1813–1890] Flora Mancuniensis ; or a catalogue of the Flowering Plants, the Ferns and their allies, found (indigenous) within fifteen miles of Manchester, *&c.* *pp. ix, 81.* 8⁰. *Halifax*, 1840.

WOOD (JOHN GEORGE) [1827–1899] [The Illustrated Natural History. 8⁰. *London*, 1851–53.]
Wanting.

—— [Another edition.] 3 Vol. *illust.* 8⁰. *London* [1861–63].

Wood (JOHN G.) [My Feathered Friends. 8⁰. *London & New York*, 1856.]
Wanting.

—— [Another edition.] *pp. xii, 396 : 8 pls.* 8⁰. *London & New York*, 1858.

Wood (JOHN G.) [The Common Objects of the Country. 8⁰. *London*, 1857.]
Wanting.

—— New edition. *pp. 127 : 12 pls., text illust.* 8⁰. *London*, 1862.

Wood (JOHN G.) The Common Objects of the Sea Shore ; including hints for an Aquarium. *pp. iv, 132 : 12 pls., text illust.* 8⁰. *London*, 1857.

Wood (JOHN G.) [Homes without Hands. Being a description of the habitations of animals, classed according to their principle of construction, *&c.* 8⁰. *London*, 1864–65.]
Wanting.

—— [Another edition.] *pp. xix, 632 : 21 pls., text illust.* 8⁰. *London*, 1868.

Wood (JOHN G.) The Common Shells of the Sea-shore. *pp. iv, 132 : 12 pls., text illust.* 8⁰. *London*, 1865.

Wood (JOHN G.) The Natural History of Man ; being an account of the manners and customs of the uncivilized Races of Men . . . Africa. [Vol. I.] *pp. viii, 774 : 1 pl., text illust.* 8⁰. *London*, 1868.

Wood (JOHN G.) [Bible Animals ; being a description of every living creature mentioned in the Scriptures, from the Ape to the Coral. 8⁰. *London*, 1869–71.]
Wanting.

—— New . . . edition. *pp. xxix, 652 : 24 pls., text illust.* 8⁰. *London*, 1876.

Wood (JOHN G.) Insects at home. Being a popular account of British Insects, their structure, habits, and transformations, *&c.* *pp. xx, 670 : 21 pls.* (*1 col.*), *text illust.* 8⁰. *London*, [1871–] 1872.

Wood (John G.) [Insects abroad. Being a popular account of foreign Insects, their structure, habits, and transformations, *&c.* 8⁰. *London*, 1874.]
Wanting.

—— New edition. *pp. xii, 780 : 20 pls., text illust.* 8⁰. *London*, 1883.

Wood (John G.) Wanderings in South America . . . New edition. Edited, with biographical introduction and explanatory index, by . . . J. G. Wood. *See* Waterton (C.) 8⁰. 1879.

Wood (John G.) Wild Animals of the Bible. From "Bible Animals." *pp. xv, 255 : 1 pl., text illust.* 8⁰. *London*, 1887.

WOOD (John Medley) Preliminary catalogue of indigenous Natal Plants. *pp. 47.* 8⁰. *Durban*, 1894.

Wood (John M.) & **Evans** (M. S.) Natal Plants. Descriptions and figures of Natal indigenous Plants, with notes on their distribution, economic value, native names, *&c.* Vol. I→ *illust.* fol. *Durban*, 1898→

WOOD (Katharine Hill) *Miss* & **Laney** (F. B.) Bibliography of North Carolina Geology, Mineralogy and Geography, with a List of Maps. *pp. [iii,] 428. See* North Carolina.—*Geological Survey.* Bulletin No. 18. 8⁰. 1909.

WOOD (Mary Bristow) The Botanical Researcher, *&c. pp. 190 : 2 pls.* 12⁰. *London*, 1849.

WOOD (Neville) British Song Birds; being popular descriptions and anecdotes of the choristers of the groves. *pp. xii, 408 [3].* 8⁰. *London*, 1836.

Wood (N.) The Ornithologist's Text-book. Being reviews of ornithological works; with an appendix, *&c. pp. 232.* 12⁰. *London*, 1836.

Wood (N.) *See* Naturalist, *The* . . . Edited by N. Wood. Vol. II–V. 8⁰. 1837–39.

WOOD (Robert Williams) [1867–] Physical Optics. *pp. xiii, 546 : 6 pls. (2 col.), text illust.* 8⁰. *New York & London*, 1905.

WOOD (Searles Valentine) [1798–1880] A Monograph of the Crag Mollusca, with descriptions of Shells from the Upper Tertiaries of the British Isles. (—Supplement 1–3.) 5 Pt. *illust. See* Palæontographical Society. 4⁰. 1848–1882.
Supplement 1 contains :—
"An outline of the Geology of the Upper Tertiaries of East Anglia." By S. V. Wood, junior, and F. W. Harmer. 1872.
The third supplement was edited by S. V. Wood, junr.

Wood (Searles V.) A Monograph of the Eocene Bivalves of England. *See* Palæontographical Society. 4⁰. 1861–71.

Wood (Searles V.) A Monograph of the Eocene Cephalopoda and Univalves of England. Pt. IV. *See* Palæontographical Society. Edwards (F. E.) 4⁰. 1877.

Wood (Searles V.) & **Harmer** (F. W.) An Outline of the Geology of the Upper Tertiaries of East Anglia. *See* Palæontographical Society. A Monograph of the Crag Mollusca . . . By S. V. Wood. Supplement 1. 4⁰. 1872.

WOOD (Searles Valentine) *the Younger* [1830–1884] Remarks in explanation of the Map of the Upper Tertiaries of the counties of Norfolk, Suffolk, Essex, Middlesex, Hertford, Cambridge, Huntingdon, and Bedford, with parts of those of Buckingham and Lincoln, and accompanying sections. *pp. 24 : 1 map geol. col. with sections, text illust.* 8⁰. [*Brentwood*, 1865.]
Privately printed.

Wood (Searles V.) *the Younger.* American "Surface Geology" and its relation to British, *&c. pp. 48 : 1 pl., 1 map.* 8⁰. [*London*, 1877.]
Geol. Mag. 1877.

Wood (Searles V.) *the Younger.* Third Supplement to the Crag Mollusca . . . By . . . S. V. Wood . . . Edited by his son, *&c. See* Palæontographical Society. A Monograph of the Crag Mollusca . . . By S. V. Wood. 4⁰. 1882.

WOOD (Theodore) [1862–] *See* Field Club, *The* . . . Edited by . . . T. Wood. Vol. I–IV.† 8⁰. 1890–93.

WOOD (William) [1774–1857] Zoography; or, the Beauties of Nature displayed. In select descriptions from the Animal and Vegetable, with additions from the Mineral Kingdom. Systematically arranged . . . Illustrated . . . by . . . W. Daniell. 3 Vol. *illust.* 8⁰. *London*, 1807.
[With two exceptions the plates in this work are reproduced in W. Daniell's "Interesting selections from Animated Nature," *&c.*]

Wood (W.) Natural History, general and particular, by the Count de Buffon . . . A new edition . . . enlarged, by many additional articles, notes and plates, and some account of the Life of M. de Buffon. By W. Wood. 20 Vol. *illust. See* Buffon (G. L. L.) *Count.* 8⁰. 1812.

Wood (W.) General Conchology; or a description of Shells, arranged according to the Linnean System, *&c.* Vol. I.† *pp. lxi, 7, iv, 246 : 60 pls. col.* 8⁰. *London*, 1815.
This work was re-issued, with a new title-page, in 1835.

Wood (W.) Index Testaceologicus; or a Catalogue of Shells, British and foreign . . . with the Latin and English names, references to figures, and places where found, *&c. pp. viii, 188 [2] : 38 pls.* 8⁰. *London*, 1818.

—— [Another edition.] *pp. xxxii (vii & viii), 188 [2] : 38 pls.* 8⁰. *London*, [1824–] 1825.
This edition differs from the preceding solely in having a new title-page and preface (pp. i–xxxii).
It was issued in two parts, of which the second contained the title and preface (pp. xxxii), the text from p. 65, and the last 26 plates. Four pages of preliminary matter, subsequently cancelled, that appeared with the first part, have been retained in one copy of the work in the Zoological Department.
The plates are in duplicate, plain and coloured.

—— Supplement, *&c.* (References from Lamarck's "Animaux sans Vertèbres," adapted to the figures in the . . . "Index," *&c.*) *pp. iv, 59 : 8 pls.* 8⁰. *London*, 1828.
In an autograph note in his own copy Dr. J. E. Gray states :—"The names in the List taken from the British Museum were the names of my MSS. except where they [are] those used by Lamarck. The Catalogue of Lamarck species (and the reference to the figures) was furnished by myself, as well as the references of the new species to the Lamarckian genera, but I did not see the name there was given to these as several of them were altered by Mr. Wood."

—— A List of the plates . . . with the Lamarckian names adapted to the figures in each plate. *pp. 34.* 8⁰. [*London*, 1829.]

—— An illustrated Catalogue of British and foreign Shells. A new . . . edition . . . by S. Hanley. *pp. xx, 234 : 46 pls. col.* 8⁰. *London*, [1855–] 1856.
The text for this edition is entirely new.

—— Appendix. *See* Hanley (S. C. T.) An illustrated and descriptive Catalogue of recent Bivalve Shells . . . With 960 figures . . . forming an Appendix to the Index, *&c.* 8⁰. 1842–56.
The plates are numbered in sequence to the "Index."

Wood (W.) Illustrations of the Linnæan genera of Insects. 2 Vol. [in 1.] *illust. col.* 12⁰. *London*, 1821.

Wood (W.) Catalogue of an extensive . . . collection of . . . works on Natural History, *&c. pp. 7, 136 : 1 pl. col.* 4⁰. *London*, 1824.

Wood (W.) Fossilia Hantoniensia; or Hampshire fossiles . . . By G. Brander . . . The plates now reprinted, with a list . . . By W. Wood. *See* BRANDER (G.) 4⁰. 1829.

Wood (W.) Index Entomologicus; or, a complete illustrated catalogue . . . of the Lepidopterous Insects of Great Britain. *pp. xii, 266 : 54 pls. col.* 4⁰. *London*, 1839.

A cancelled preface is also bound in.

—— A new . . . edition, with supplement . . . By J. O. Westwood. *pp. vii, ii, 298 : 59 pls. col.* 4⁰. *London*, 1854.

Wood (W.) A complete illustration of the British Freshwater Fishes, *&c.* 3 Pt.† *12 pls. col., with descriptive letterpress.* 8⁰. *London* [1842–43 ?].

Title from wrappers.

WOOD-MASON (JAMES) [1846–1893] [Descriptions of the Crustacea collected during the Expeditions.] *See* INDIA. [*Western Yunnan Expedition.*] Anatomical and Zoological Researches, *&c.* 4⁰. 1878 [*i.e.* 1879].

Wood-Mason (J.) Report on the Tea-mite and the Tea-bug of Assam. *pp. 20 : 3 pls. col.* 8⁰. *London*, 1884.

Wood-Mason (J.) Some account of the 'Palan byoo' or 'Teindoung Co' (*Paraponyx oryzalis*), a lepidopterous Insect-pest of the Rice-plant in Burma, *&c. pp. 12 : 1 pl.* 8⁰. *Calcutta*, 1885.

Wood-Mason (J.) A Catalogue of the Mantodea with . . . an enumeration of the specimens in the collection of the . . . Museum, *&c.* 2 Pt. *See* CALCUTTA.—*Indian Museum.* 8⁰. 1889–91.

Wood-Mason (J.) Crustacea. *See* INDIA.—*Marine Survey.* Illustrations of the Zoology of H.M. Indian Marine Surveying Steamer Investigator, *&c.* Pt. I. 4⁰. 1892.

Wood-Mason (J.) Figures and descriptions of nine species of Squillidæ from the collection in the Indian Museum, *&c. See* CALCUTTA.—*Indian Museum.* 4⁰. 1895.

WOODCOCK (HAROLD MELLOR) The Hæmoflagellates and allied forms. *See* LANKESTER (*Sir* E. R.) *K.C.B.* A Treatise on Zoology, *&c.* Pt. I, fasc. 1. Introduction and Protozoa. 8⁰. 1909.

WOODFORD (CHARLES MORRIS) [1853–] A Naturalist among the Head-Hunters. Being an account of three visits to the Solomon Islands in . . . 1886–1888. *pp. xii, 249 : 16 pls., 3 maps.* 8⁰. *London*, 1890.

WOODFORDE (JAMES) [–1837] A Catalogue of the indigenous Phenogamic Plants growing in the neighbourhood of Edinburgh; and of certain species of the class Cryptogamia: with reference to their localities. *pp. xi, 86.* 8⁰. *Edinburgh*, 1824.

WOODHEAD (GERMAN SIMS) [1855–] & **Hare** (A. W.) Pathological Mycology. An enquiry into the etiology of infective diseases . . . Section I. Methods. *pp. x, 174 : text illust. (col.)* 8⁰. *Edinburgh*, 1885.

WOODHEAD (THOMAS WILLIAM) *See* NATURALIST, *The* . . . Edited by . . . T. W. Woodhead, *&c.* 1903→ 8⁰. 1903→

WOODHOUSE (JOHN THOMAS) & **Jeffcock** (P.) Statement as to the Moselle Coal field in France . . . and Reports of Messrs. Woodhouse & Jeffcock thereon. *pp. 38 : 4 maps.* 8⁰. *London*, 1865.

WOODHOUSE (S. W.) [Report on the Natural History, with descriptions of the Mammals & Birds obtained on Sitgreaves' Expedition.] *See* UNITED STATES. [—*Geographical & Geological Surveys : Miscellaneous.*] Report of an expedition down the Zuni and Colorado Rivers, *&c.* 8⁰. 1853.

WOODRUFF (ELLMER GRANT) [1872–] The Lander Oil Field, Fremont County [Wyoming]. *See* UNITED STATES.—*Geological Survey.* Bulletin No. 452. 8⁰. 1911.

WOODRUFFE-PEACOCK (EDWARD ADRIAN) [1858–] Healthy Game. A lecture, *&c. pp. 19.* 8⁰. *Louth*, 1904.

Rural Studies Series. No. 4.

Woodruffe-Peacock (E. A.) How to make notes for a rock-soil Flora. *pp. 20.* 8⁰. *Louth*, 1904.

Rural Studies Series. No. 5.

Woodruffe-Peacock (E. A.) A Check-List of Lincolnshire Plants. *pp. 66.* 8⁰. *Louth*, 1909.

Woodruffe-Peacock (E. A.) Frequency in Floral Analysis. *pp. 16.* 8⁰. *Louth*, 1912.

Rural Studies Series. No. 15.

WOODS (ALBERT F.) Stigmonose: a Disease of Carnations and other Pinks. *pp. 30 : 3 pls. (1 col.), text illust. See* UNITED STATES.—*Department of Agriculture.—Vegetable Pathology Division.* Bulletin No. 19. 8⁰. 1900.

Woods (A. F.) Observations on the Mosaic Disease of Tobacco. *pp. 24 : 6 pls. (3 col.). See* UNITED STATES. —*Department of Agriculture.—Plant Industry Bureau.* Bulletin No. 18. 8⁰. 1902.

WOODS (GEORGE) An account . . . of the Isle of Man; including a topographical description; a sketch of its Mineralogy . . . and a history of the Island. *pp. vii, 365 : 1 map col.* 8⁰. *London*, 1811.

WOODS (H. C.) Algæ. *See* UNITED STATES.—*Geological Exploration of the Fortieth Parallel.* Report, *&c.* Vol. V. 4⁰. 1871.

WOODS (HENRY) *A.L.S.* [1794 ?–1840] An introductory Lecture on the Study of Zoology; comprehending a review of the progress of the science, *&c. pp. vi, 92.* 8⁰. *Bath*, 1825.

Woods (HENRY) *A.L.S.* Description of the fossil skull of an Ox, discovered . . . at Melksham, Wilts; with a geological sketch of the River Avon, in the bed of which it was found. *pp. 33 : 2 pls.* 4⁰. *London*, 1839.

WOODS (HENRY) *F.G.S.* Catalogue of the Type Fossils in the Woodwardian Museum, *&c. See* CAMBRIDGE.—UNIVERSITY.—*Woodwardian Museum.* 8⁰. 1891.

Woods (HENRY) *F.G.S.* Catalogue of the Fossils in the Students' Stratigraphical Series. *See* CAMBRIDGE. —UNIVERSITY.—*Woodwardian Museum.* 8⁰. 1893.

Woods (HENRY) *F.G.S.* Elementary Palæontology for geological students. *pp. vii, 222 : text illust.* 8⁰. *Cambridge*, 1893.

Forming a volume of the "Cambridge Natural Science Manuals."

—— [Another edition entitled:] Palæontology: Invertebrate . . . Third edition. *pp. xiii, 360 : text illust.* 8⁰. *Cambridge*, 1902.

—— Fourth edition. *pp. xiii, 388 : text illust.* 8⁰. *Cambridge*, 1909.

Forming a volume of the "Cambridge Biological Series."

Woods (Henry) *F.G.S.* A Monograph of the Cretaceous Lamellibranchia of England. Vol. I→ *See* Palæontographical Society. 4⁰. 1899→

Woods (Henry) *F.G.S.* Trilobites [&] Eurypterida. *See* Harmer (S. F.) The Cambridge Natural History, *&c.* Vol. IV. 8⁰. 1909.

WOODS (James Dominick) The Native Tribes of South Australia . . . with an introductory chapter by J. D. Woods. *See* Taplin (G.) 8⁰. 1879.

Woods (James D.) The province of South Australia, *&c.* *See* South Australia. 8⁰. 1894.

WOODS (Joseph) [1776–1864] The Tourist's Flora: a descriptive catalogue of the Flowering Plants & Ferns of the British Islands, France, Germany, Switzerland, Italy, and the Italian Islands. *pp. lxxxii, 610.* 8⁰. *London*, 1850.

WOODS (Julian Edmund Tenison) [1832–1889] Geological observations in South Australia: principally in the district south-east of Adelaide. *pp. xviii, 404: 6 pls., text illust.* 8⁰. *London*, 1862.

Woods (Julian E. T.) The Tertiary Rocks of South Australia. Pt. III. Brachiopoda. *pp. 2.* 4⁰. *Adelaide*, 1865.
Paper read before the Adelaide Philosophical Society, and reprinted from a local newspaper, with a plate.

Woods (Julian E. T.) History of Australian Tertiary Geology.—Further Notes on the Tertiary Marine Beds of Table Cape, Tasmania.—Notes on the Tertiary Fossils, Tasmania. *pp. 45: 1 pl.* 8⁰. *Hobart Town*, 1876.
Papers & Proc. Roy. Soc. Tasmania. 1876 (1877).

Woods (Julian E. T.) The Molluscan Fauna of Tasmania. *pp. 28.* 8⁰. [*Sydney*, 1879.]
Journ. Roy. Soc. New South Wales. Vol. XII.

Woods (Julian E. T.) Palæontology of New Zealand. —Pt. IV. Corals and Bryozoa of the Neozoic period in New Zealand. *pp. xvi, 34: 4 pls.* *See* New Zealand. —*Colonial Museum and Geological Survey Department.* 8⁰. 1880.

Woods (Julian E. T.) Fish and Fisheries of New South Wales. *pp. xi, 213: 46 photo pls., text illust.* 8⁰. *Sydney*, 1882.

WOODS (W. Fell) Letters on Oyster Fisheries: the causes of scarcity; the remedies, *&c.* *pp. 43.* 8⁰. *London*, 1877.
Reprinted from the "Field," 1876–77.

WOODS HOLL, *Mass.*—**Marine Biological Laboratory.**
Biological Bulletin, *&c.* Vol. I→ *illust.* 8⁰. *Boston, &c.*, (1899–) 1900→

WOODVILLE (William) [1752–1805] Medical Botany, containing . . . descriptions, with plates, of all the medicinal Plants . . . comprehended in the catalogues of the Materia Medica . . . accompanied with a circumstantial detail of their medicinal effects, *&c.* (Supplement.) *274 pls. col., with descriptive letterpress.* 4 Vol. [in 2]. fol. *London*, 1790–94.

—— Third edition . . . The Botanical descriptions arranged and corrected by W. J. Hooker . . . The new medico-botanical portion supplied by G. Spratt, *&c.* *310 pls. col., with descriptive letterpress.* 5 Vol. fol. *London*, 1832.

WOODWARD (Anthony) [–1915] The Bibliography of the Foraminifera, recent and fossil, including *Eozoon* and *Receptaculites.* 1565–1886. *See* Minnesota, *State of.—Geological and Natural History Survey.* Annual Reports, *&c.* No. 14. 8⁰. 1886.

Woodward (Anthony) & **Thomas** (B. W.) On the Foraminifera of the Boulder-Clay, taken from a well-shaft . . . Meeker county, central Minnesota. *See* Minnesota, *State of.—Geological and Natural History Survey.* Annual Reports, *&c.* No. 13. 8⁰. 1885.

WOODWARD (Arthur Smith) [1864–] Palæontology. [8⁰. *London & Glasgow*, 1886.]
"National Encyclopædia," May, 1886. *pp. 243–250.*

Woodward (Arthur S.) Catalogue of the Fossil Fishes in the British Museum, *&c.* 4 Pt. *See* British Museum (Natural History). *Geology.* [*Pisces.*] 8⁰. 1889–1900.

Woodward (Arthur S.) The Fossil Fishes of the Hawkesbury series at Gosford. *pp. xiii, 55: 12 pls., text illust.* *See* New South Wales.—*Department of Mines.* Memoirs of the Geological Survey, *&c.* Palæontology, No. 4. 4⁰. 1890.

Woodward (Arthur S.) The Fossil Fishes of the Talbragar Beds (Jurassic?), *&c.* *pp. xiii, 27: 6 pls.* *See* New South Wales.—*Department of Mines.* Memoirs of the Geological Survey, *&c.* Palæontology, No. 9. 4⁰. 1895.

Woodward (Arthur S.) The Fossil Fishes of the Upper Lias of Whitby. 4 Pt. *illust.* 8⁰. [*Leeds*,] 1895–98.
Reprinted, with a special title-page and table of contents, from the "Proc. Yorks. Geol. & Polytech. Soc." Vol. XIII.

Woodward (Arthur S.) On two Mesozoic Crocodilians: *Notosuchus* (genus novum) and *Cynodontosuchus* (genus novum) from the red sandstones of the territory of Neuquen (Argentine Republic). Eng. & span. *pp. 20: 2 pls.* *See* La Plata, *Town of.*—Museo de la Plata. Anales, *&c.* Paleontología Argentina. IV. fol. 1896.

Woodward (Arthur S.) Outlines of Vertebrate Palæontology, *&c.* *pp. xxiv, 470, 1 tab.: text illust.* 8⁰. *Cambridge*, 1898.

Woodward (Arthur S.) Note on Fossil Fish-remains collected in Spitzbergen by the Swedish Arctic Expedition, 1898. *pp. 7: 1 pl.* *See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Bihang till . . . Handlingar. Bd. XXV, afd. IV, no. 5. 8⁰. 1900.

Woodward (Arthur S.) Notes on some Upper Devonian Fish-Remains discovered by . . . A. G. Nathorst in East Greenland. *pp. 10: 1 pl.* *See* Stockholm.—Kongliga Svenska Vetenskaps-Akademien. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 10. 8⁰. 1900 (1901).

Woodward (Arthur S.) [Descriptions of the remains of *Grypotherium listai.*] *See* Prichard (H. H.) Through the Heart of Patagonia, *&c.* Appendix A, 2 & 3. 8⁰. 1902.

Woodward (Arthur S.) [Fossil Fish: translated and revised by A. S. Woodward.] *See* Zittel (K. A. von) Text-Book of Palæontology . . English edition, *&c.* Vol. II. 8⁰. 1902.

Woodward (Arthur S.) The Fossil Fishes of the English Chalk. 7 Pt. *illust.* *See* Palæontographical Society. 4⁰. 1902–1912.

Woodward (Arthur S.) On a Carboniferous Fish Fauna from the Mansfield District, Victoria. *pp.* [*i,*] *32: 12 pls.* (*11 col.*), *text illust.* *See* Melbourne.—*Public Library, Museums, and National Gallery of Victoria.* Memoirs, *&c.* No. 1. 4⁰. 1906.

Woodward (Arthur S.) Fossil Fish remains from Natal, *&c.* *See* Natal.—*Geological Survey of Natal and Zululand.* Third and Final Report, *&c.* 4⁰. 1907.

Woodward (Arthur S.) On some Fossil Reptilian Bones from the State of Rio Grande do Sul, *&c.*—Considerações sobre alguns Ossos Fosseis de Reptis do Estado do Rio Grande do Sul. *pp. 15 : text illust.* 8⁰. *S. Paulo*, 1907.

Rev. Mus. Paulista. Vol. VII.
English and Portuguese on alternate pages.

Woodward (Arthur S.) The Fossil Fishes of the Hawkesbury Series at St. Peter's. *pp. v, 29 [2] : 4 pls., text illust. See* New South Wales.—*Department of Mines.* Memoirs of the Geological Survey, *&c.* Palæontology, No. 10. 4⁰. 1908.

Woodward (Arthur S.) Illustrations of Type specimens of Inferior Oolite Ammonites in the Sowerby Collection. Plates I–VII. Edited by the Secretary [A. S. Woodward]. *See* Palæontological Society. 4⁰. 1908.

Several of the plates have been prepared with the assistance of S. S. Buckman.

Woodward (Arthur S.) On Fossil Fish remains from Snow Hill and Seymour Islands. *See* Nordenskjöld (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901–03, *&c.* Bd. III, lief. 4. 4⁰. 1908.

Woodward (Arthur S.) On some Fish-remains from the Lameta Beds at Dongargaon, Central Provinces. *pp. 6 : 1 pl. See* India.—*Geological Survey.* Palæontologia Indica, *&c.* New Series, Vol. III, Memoir no. 3. 4⁰. 1908.

Woodward (Arthur S.) [For official publications as Keeper of the Department of Geology and Palæontology] *See* British Museum (Natural History).

Woodward (Arthur S.) & **Sherborn** (C. D.) A Catalogue of British Fossil Vertebrata. *pp. xxxv, 396.* 8⁰. *London*, 1890.

The various letters concerning type specimens received during the compilation of the work have been bound together and placed in the Geological Department Library.

WOODWARD (Bernard Barham) [1853–] The Young Collector's Handbook of Shells. *pp. 32 : 1 pl., text illust.* 12⁰. *London*, [1883].

Woodward (Bernard Barham) The Young Collector's Handbook of Fossils. *pp. 32 : text illust.* 12⁰. *London*, 1885.

Date from wrapper.
Proof. The completed work was not published separately, but appeared as part of the volume "Sea-Weeds, Shells and Fossils," by P. Gray and B. B. Woodward. 1886.

Woodward (Bernard Barham) Mollusca. *See* Lydekker (R.) *& others.* The Concise Knowledge Natural History. 8⁰. 1897.

Woodward (Bernard Barham) [Non-Marine Mollusca of Hertfordshire, compiled with the assistance of J. Hopkinson.] 4⁰. [*London*, 1901.]

Victoria History of the Counties of England. Hertfordshire. Proof *2 pp.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Norfolk, compiled with the assistance of A. Mayfield.] 4⁰. [*London*, 1901.]

Victoria History of the Counties of England. Norfolk. Proof *2 pp.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Worcestershire, compiled with the assistance of W. H. Edwards.] 4⁰. [*London*, 1901.]

Victoria History of the Counties of England. Worcestershire. *pp. 81 & 82.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Essex.] 4⁰. [*London*, 1903.]

Victoria History of the Counties of England. Essex. *pp. 89 & 90.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Bedfordshire, compiled with the assistance of C. S. B. Cox & C. McN. Rushforth.] 4⁰. [*London*, 1904.]

Victoria History of the Counties of England. Bedfordshire. *pp. 69 & 70.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Warwickshire, compiled with the assistance of S. S. Stanley, Miss Taylor, Miss Baly, and, for the Slugs, W. E. Collinge.] 4⁰. [*London*, 1904.]

Victoria History of the Counties of England. Warwickshire. *pp. 67 & 68.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Buckinghamshire, compiled with the assistance of A. Leicester.] 4⁰. [*London*, 1905.]

Victoria History of the Counties of England. Buckinghamshire. *pp. 69 & 70.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Durham.] 4⁰. [*London*, 1905.]

Victoria History of the Counties of England. Durham. *pp. 90–92.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Sussex.] 4⁰. [*London*, 1905.]

Victoria History of the Counties of England. Sussex. *pp. 108 & 109.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Cornwall.] 4⁰. [*London*, 1906.]

Victoria History of the Counties of England. Cornwall. *pp. 160–162.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Devonshire.] 4⁰. [*London*, 1906.]

Victoria History of the Counties of England. Devonshire. *pp. 159–161.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Lancashire.] 4⁰. [*London*, 1906.]

Victoria History of the Counties of England. Lancashire. *pp. 97–99.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Somersetshire.] 4⁰. [*London*, 1906.]

Victoria History of the Counties of England. Somersetshire. *pp. 71 & 72.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Yorkshire.] 4⁰. [*London*, 1907.]

Victoria History of the Counties of England. Yorkshire. *pp. 199–203.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Herefordshire.] 4⁰. [*London*, 1908.]

Victoria History of the Counties of England. Herefordshire. *pp. 77–79.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Kent, compiled with the assistance of A. S. Kennard.] 4⁰. [*London*, 1908.]

Victoria History of the Counties of England. Kent. *pp. 99–101.*

Woodward (Bernard Barham) [Non-Marine Mollusca of Leicestershire.] 4⁰. [*London*, 1908.]

Victoria History of the Counties of England. Leicestershire. *pp. 61–63*

Woodward (Bernard Barham) [Non-Marine Mollusca of Shropshire.] 4⁰. [*London*, 1908.]

Victoria History of the Counties of England. Shropshire. *pp. 99 & 100.*

Woodward (Bernard Barham) The Life of the Mollusca. *pp. xi, 158 : 32 pls., 1 map.* 8⁰. *London*, [1913].

Woodward (Bernard Barham) & **Adams** (L. E.) [Non-Marine Mollusca of Derbyshire.] 4⁰. [*London*, 1905.]

Victoria History of the Counties of England. Derbyshire. *pp. 51–53.*

Woodward (Bernard Barham) & **Dodd** (B. S.) [Non-Marine Mollusca of Nottinghamshire.] 4⁰. [*London*, 1906.]

Victoria History of the Counties of England. Nottinghamshire. *pp. 75–77.*

Woodward (Bernard Barham) & **Farrer** (W. J.) [Non-Marine Mollusca of Cumberland.] 4⁰. [*London*, 1901.]

Victoria History of the Counties of England. Cumberland. Proof *2 pp.*

Woodward (BERNARD BARHAM) & **Holland** (W.) [Non-Marine Mollusca of Berkshire, compiled with the assistance of the Rev. S. S. Pearce.] 4⁰. [*London*, 1906.]
Victoria History of the Counties of England. Berkshire. *pp. 69 & 70.*

Woodward (BERNARD BARHAM) & **Masefield** (J. R. B.) [Non-Marine Mollusca of Staffordshire.] 4⁰. [*London*, 1908.]
Victoria History of the Counties of England. Staffordshire. *pp. 77–79.*

Woodward (BERNARD BARHAM) & **Mayfield** (A.) [Non-Marine Mollusca of Suffolk.] 4⁰. [*London*, 1912.]
Victoria History of the Counties of England. Suffolk. *pp. 96–100.*

Woodward (BERNARD BARHAM) & **Wright** (C. E.) [Non-Marine Mollusca of Rutlandshire.] 4⁰. [*London*, 1908.]
Victoria History of the Counties of England. Rutlandshire. *pp. 35–37.*

WOODWARD (BERNARD BOLINGBROKE) [1816–1869] Herne's Oak. *pp. 12.* 8⁰. [*London*, 1868.]
Gentleman's Magazine. New Series, No. 25.

Woodward (BERNARD BOLINGBROKE) [Autograph phenological natural history notes, chiefly botanical, made at Norwich and East Dereham, Norfolk, from 1832 to 1835.] 4 Vol. *illust.* 8⁰. [1832–35.]

WOODWARD (BERNARD HENRY) [1846–] [For official publications as Director] *See* PERTH, *Western Australia.*—WESTERN AUSTRALIAN MUSEUM AND ART GALLERY.

WOODWARD (CHARLES JOSIAH) [1838–] [Minerals of the Birmingham District.] *See* BRITISH ASSOCIATION, *&c.* Handbook of Birmingham. Appendix. 8⁰. 1886.

Woodward (C. J.) Crystallography for beginners, with an appendix on the use of the Blowpipe and the determination of common Minerals, *&c. pp. vi, 164 : 4 pls., text illust.* 8⁰. *London*, 1896.

Woodward (C. J.) [ABC Five-figure Logarithms, *&c.* 8⁰. *London*, 1893.]
Wanting.

—— Second edition. *pp. 166 : text illust.* 8⁰. *London, &c.*, 1909 [*i.e.* 1908].

WOODWARD (HARRY PAGE) [1858–] Notes on Geological Map of Gumeracha and Mount Crawford Goldfields. *See* SOUTH AUSTRALIA.—*Geological Survey.* 4⁰. 1887.

Woodward (HARRY P.) Western Australia. Catalogue of Exhibits at the International Exhibition of Mining and Metallurgy . . . With an appendix containing an account of the principal mining districts in the colony. *See* LONDON.—*International Exhibition of Mining & Metallurgy, 1890.* 8⁰. 1890.

Woodward (HARRY P.) Report on the Goldfields of the Kimberley district, *&c. See* WESTERN AUSTRALIA.—*Geological Department.* 8⁰. 1891.

Woodward (HARRY P.) Geological Sketch Map of Western Australia 1894, *&c.* Scale 1 : 3,000,000 [*i.e.* 1 in. = 47⅓ m.] *See* WESTERN AUSTRALIA. [*Maps.*] s.sh. 1894.

Woodward (HARRY P.) Mining Handbook to the colony of Western Australia, *&c. See* WESTERN AUSTRALIA.—*Geological Department.* 8⁰. 1894.

—— Second edition. 8⁰. 1895.

Woodward (HARRY P.) The Northampton Mining district. *See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin, *&c.* No. 9, appendix A. 8⁰. 1903.

Woodward (HARRY P.) The Auriferous deposits and mines of Menzies, North Coolgardie Goldfield. *pp. 92 : 10 pls., 2 maps (1 geol. col.) See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 22. 8⁰. 1906.

Woodward (HARRY P.) A Report upon the Geology . . . with a description of the productive mines, of the Cue and Day Dawn districts, Murchison Goldfield. 2 Pt. *illust. See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin. No. 29. 8⁰. 1907.

Woodward (HARRY P.) I. Notes on the Geology of the Greenbushes Tinfield. (With special reference to the Deep Leads.) II. A Report upon the Mount Malcolm Copper Mine, Eulaminna, Mount Margaret Goldfield. III. A Report upon Fraser's Gold Mine, Southern Cross, Yilgarn Goldfield. *pp. 92 : 7 pls., 4 maps (2 geol. col.) See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 32. 8⁰. 1908.

Woodward (HARRY P.) Geological Report upon the Gold & Copper deposits of the Phillips River Goldfield . . . with which is incorporated a Description of the Crystalline Rocks of the district, by E. S. Simpson and L. Glauert. *pp. 108, 1 tab. : 7 pls., 10 maps & plans, geol. col. See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 35. 8⁰. 1909.

Woodward (HARRY P.) The Geology and Ore deposits of the West Pilbara Goldfield, *&c. pp. 142, 1 tab. : 1 pl., 5 maps (4 geol. col.), text illust. See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 41. 8⁰. 1911.

Woodward (HARRY P.) A general description of the northern portion of the Yilgarn Goldfield, and the southern portion of the North Coolgardie Goldfield. *pp. 23 : 2 maps (1 geol. col.). See* WESTERN AUSTRALIA.—*Geological Survey.* Bulletin No. 46. 8⁰. 1912.

Woodward (HARRY P.)
[For official reports as Assistant Government Geologist] *See* SOUTH AUSTRALIA.—*Geological Survey.*
[For official publications as Government Geologist] *See* WESTERN AUSTRALIA.—*Geological Department.*

WOODWARD (HENRY) [1832–] The Prize Microscopes of the Society of Arts; with plain directions for working them. *pp. 57, xv : 9 pls.* 8⁰. *London*, 1860.

Woodward (HENRY) *See* GEOLOGICAL MAGAZINE, *The* . . edited . . . by H. Woodward. Vol. I→ 8⁰. 1864→

Woodward (HENRY) A Monograph of the British Fossil Crustacea belonging to the order Merostomata. *See* PALÆONTOGRAPHICAL SOCIETY. 4⁰. 1866–78.

Woodward (HENRY) Man and the Mammoth: being an account of the Animals found associated with early Man in pre-historic times. *pp. 20.* 8⁰. [*London*,] 1869.

Woodward (HENRY) The Quarterly Journal of Science. Conducted by . . . H. Woodward, *&c.* Vol. VI & VII. *See* JOURNAL OF SCIENCE, *The.* 8⁰. 1869–70.

Woodward (HENRY) On Volcanos. *pp. 23 : text illust.* 8⁰. [*London*, 1871.]
Proc. Geol. Assoc. Vol. II.

Woodward (HENRY) Catalogue of the Pleistocene Vertebrata from the neighbourhood of Ilford, Essex, in the collection of Sir A. Brady . . . with . . . a description of the locality etc., by H. Woodward, *&c. See* DAVIES (W.) 8⁰. 1874.

Woodward (HENRY) A Catalogue of British Fossil Crustacea, with their synonyms and the range in time of each genus and order. *See* BRITISH MUSEUM (NATURAL HISTORY). *Geology.* [*Crustacea.*] 8⁰. 1877.

Woodward (Henry) List of the principal scientific papers, monographs, & addresses, by H. Woodward . . . 1858–77. *pp. 12.* 8⁰. *Hertford*, 1877.

—— Supplemental list . . . from 1877 to 1897. *pp. 16.* 8⁰. *Hertford*, 1897.

Woodward (Henry) A List of the genera . . . described by . . . G. P. Deshayes in his 'Descript. Coquilles Foss.' &c., from the Paris Tertiaries, corresponding with the "Bracklesham" and associated formations.—Notes on the Crustacea of the Chalk formation. By T. Bell. Revised by H. Woodward. *See* Dixon (F.) The Geology of Sussex . . . New [Second] edition, *&c.* 4⁰. 1878.

Woodward (Henry) Description of a Collection of Fossil Shells, Corals, &c., &c. from Sumatra . . . obtained by . . . R. D. M. Verbeek . . . and . . . presented . . . to the British Museum. *pp. 33 : 6 pls.* 4⁰. *London*, 1879.
Geol. Mag. 1879.

Woodward (Henry) Mollusca.—Tunicata.—Crustacea. *See* Duncan (P. M.) Cassell's Natural History. Vol. v & vi. 4⁰. 1883.

Woodward (Henry) A Monograph of the British Carboniferous Trilobites. *See* Palæontographical Society. 4⁰. 1883–84.

Woodward (Henry) A Chapter in the History of Meteorites. [Edited with notes by H. Woodward.] *See* Flight (W.) 8⁰. 1887.

Woodward (Henry) Historical and Type Collections in the Geological Department, British Museum (Natural History), *&c.* *See* British Museum (Natural History). *Geology.* [*Guides, &c.*] 8⁰. [1887.]

Woodward (Henry) [For official publications as Keeper of the Department of Geology and Palæontology.] *See* British Museum (Natural History). *Geology.*

Woodward (Henry) & (H. B.) Table of British Strata. s.sh. *col. London*, 1901.

Woodward (Henry) & **Jones** (T. R.) A Monograph of the British Palæozoic Phyllopoda (Phyllocarida, Packard). *See* Palæontographical Society. Jones (T. R.) & Woodward (H.) 4⁰. 1888.

Woodward (Henry) & **Salter** (J. W.) Chart of the genera of Fossil Crustacea, *&c.* *See* Salter (J. W.) & Woodward (H.) 4⁰. [1865.]

A descriptive Catalogue of all the genera and species contained in the . . . Chart, *&c.* *See* Salter (J. W.) & Woodward (H.) 8⁰. 1865.

WOODWARD (Horace Bolingbroke) [1848–1914] Geology of the East Somerset and the Bristol Coalfields, *&c.* *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] 8⁰. 1876.

Woodward (Horace B.) The Geology of England and Wales . . . With notes on the physical features of the country. *pp. xx, 476 : 1 pl., 1 map geol. col., text illust.* 8⁰. *London*, 1876.

—— Second edition. *pp. xv, 670, 1 tab : 1 pl., 1 map geol. col., text illust.* 8⁰. *London & Liverpool*, 1887.
Appendix II. Synopsis of the Animal Kingdom with especial reference to fossil forms. By E. T. Newton.

Woodward (Horace B.) The Geology of the country around Norwich, *&c.* *See* Great Britain & Ireland. —*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] 8⁰. 1881.

Woodward (Horace B.) Geological Map of the country around Bath. [Scale 1 in. = 2 m.] *See* Morris (J. W.) Handbook to Bath, *&c.* s.sh. *col.* 1888.

Woodward (Horace B.) Memorials of J. Gunn . . . Being some account of the Cromer Forest Bed and its Fossil Mammalia . . With a memoir of the author. Edited by H. B. Woodward, *&c.* *See* Gunn (J.) 8⁰. 1891.

Woodward (Horace B.) The Lias of England and Wales (Yorkshire excepted). *See* Great Britain & Ireland.—*Geological Survey.* [*Stratigraphical Memoirs.*] The Jurassic Rocks of Britain, *&c.* Vol. iii. 8⁰. 1893.

Woodward (Horace B.) Memoir of W. Topley. *pp. 15 : 1 port.* 8⁰. *Hertford*, 1894.
Reprinted from the Geological Magazine, with the addition of a List of Works.

Woodward (Horace B.) The Physical Geology and Geography of Great Britain . . . Sixth edition, edited by H. B. Woodward. *See* Ramsay (*Sir* A. C.) 8⁰. 1894.

Woodward (Horace B.) The Lower (—Middle and Upper) Oolitic Rocks of England (Yorkshire excepted). *See* Great Britain & Ireland.—*Geological Survey.* [*Stratigraphical Memoirs.*] The Jurassic Rocks of Britain. Vol. iv & v. 8⁰. 1894, 95.

Woodward (Horace B.) A Memoir of T. Beesley, *&c.* *pp. 14 : 1 port.* 8⁰. *Warwick* [1897].

Woodward (Horace B.) Soils and Sub-soils from a sanitary point of view; with especial reference to London and its neighbourhood. *See* Great Britain & Ireland.—*Geological Survey.—England and Wales.* [*Miscellaneous Memoirs.*] 8⁰. 1897.

—— Second edition. 8⁰. 1906.

Woodward (Horace B.) Stanford's Geological Atlas of Great Britain (based on Reynold's Geological Atlas) with plates of Characteristic Fossils, preceded by a description of the Geological Structure of Great Britain and its counties . . . by H. B. Woodward. *See* Stanford (E.) 8⁰. 1904.

—— Stanford's Geological Atlas of Great Britain and Ireland . . . Second edition. 8⁰. 1907.

—— Photographic Supplement . . . Arranged and edited by H. B. Woodward . . . with the co-operation of Miss H. D. Sharpe. 8⁰. 1913.

Woodward (Horace B.) [For Contributions to the Geology of the country around Bridgend] *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] The Geology of the South Wales Coal-Field. Pt. vi. 8⁰. 1904.

Woodward (Horace B.) [Geology of Buckinghamshire.] *pp. 24.* 4⁰. [*London*, 1905.]
Victoria History of the Counties of England. Buckinghamshire.

Woodward (Horace B.) [Geology of Somerset.] *pp. 33.* 4⁰. [*London*, 1906.]
Victoria History of the Counties of England. Somersetshire.

Woodward (Horace B.) History of Geology. *pp. [ii,] 154 : text illust.* 8⁰. *London*, 1911.
The History of Science Series.

Woodward (Horace B.) [Geology of Suffolk.] *pp. 30 : 1 map geol. col.* 4⁰. [*London*, 1912.]

Victoria History of the Counties of England. Suffolk.

Woodward (Horace B.) [For official publications in connection with Memoirs illustrating the Map] *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.*

Woodward (Horace B.) & **Whitaker** (W.) Chronological List of Books, Papers, &c, on the Geology, Mineralogy, Palæontology, &c., of Gloucestershire and Somersetshire. *See* Great Britain & Ireland.—*Geological Survey.—England & Wales.* [*Topographical Memoirs.*] Geology of East Somerset and the Bristol Coalfields, *&c.* 8⁰. 1876.

Woodward (Horace B.) & **Woodward** (H.) Table of British Strata. *See* Woodward (H.) & (H. B.) 1901.

WOODWARD (John) [1665–1728] An Essay toward a Natural History of the Earth : and Terrestrial Bodies especially Minerals, *&c. pp.* [*xiv,*] *277.* 8⁰. *London*, 1695.

—— Third edition. *pp.* [*x,*] *304.* 8⁰. *London*, 1723.

Woodward (J.) An examination of Dr. Woodward's Account of the Deluge, *&c. See* Arbuthnot (J.) 8⁰. 1697.

Woodward (J.) J. Woodwardi . . . Naturalis Historia Telluris . . . Una cum ejusdem defensione ; præsertim contra nuperas objectiones D. E. Camerarii . . . Accedit . . . Fossilium in Classes distributio. *pp. xiii, 105* [*vi,*] *9, 10.* 8⁰. *Londini*, 1714.

Woodward (J.) The Natural History of the Earth . . . Written originaly [*sic*] in Latin : and now first made English [with an Introduction] by B. Holloway, *&c. pp.* [*xi,*] *169* [*xvi,*] *163.* 8⁰. *London*, 1726.

Woodward (J.) Fossils of all kinds, digested into a method . . . With . . . several papers tending to the further advancement of the knowledge of Minerals, of the Ores of Metalls, and of all other subterraneous productions. *pp. xvi, 56,* [*iv,*] *131, 1 tab. : 7 pls.* 8⁰. *London*, 1728.

Woodward (J.) An attempt towards the Natural History of the Fossils of England ; in a Catalogue of the English Fossils in the collection of J. Woodward, *&c.* 2 Vol. [in 1.] 8⁰. *London*, 1728–29.

Tome I, 1729. } pt. 1. Of the Fossils that are real and natural, *&c. pp. xvi, 243.*
" " " 2. Exhibiting the Fossils that are extraneous, *&c. pp. ciii, 115.*
Tome II, 1728. [1.] A Catalogue of the additional English native Fossils, *&c. pp. iv, 110.*
[2.] A Catalogue of the Foreign Fossils, *&c.* 2 Pt. *pp. iv, 52 (iv, 33).*
[3.] An addition to the Catalogue of the Foreign native Fossils, *&c. pp. ci, 21.*
[4.] An addition to the Catalogue of the foreign extraneous Fossils, *&c. pp. 15.*

WOODWARD (Martin Fountain) [1865–1901] Text-Book of the Embryology of Invertebrates . . . Translated from the German by M. Bernard. Revised and edited with additional notes by M. F. Woodward, *&c.* Vol. II–IV. *See* Korschelt (E.) & Heider (C.) 8⁰. 1899–1900.

WOODWARD (Samuel) [1790–1838] A Synoptical Table of British Organic Remains, *&c. pp. xi, 50 : 1 pl.* 8⁰. *London & Norwich*, 1830.

Woodward (Samuel) An outline of the Geology of Norfolk. *pp. 54 : 7 pls. (1 col.)* 8⁰. *Norwich*, 1833.

WOODWARD (Samuel Pickworth) [1821–1865] A Manual of the Mollusca [including the Brachiopoda and Tunicata] ; or a rudimentary treatise of recent and fossil Shells, *&c.* 3 Pt. *pp. xvi, 486 : 25 pls., 1 map, text illust.* 12⁰. *London*, 1851–56.

Weale's Rudimentary Series.
The three parts were first issued in cloth flush, and afterwards as one volume.

[—— Second edition. 12⁰. *London*, 1866.]

Wanting.
Edited by A. R., *i.e.* Alexander Ramsay. It differs from the first edition by the excision of the section on the Tunicata, the re-arrangement of the order of the subject matter, and the correction of errors noted in the "Errata."

[—— Appendix . . . containing such recent and fossil Shells as are not mentioned in the second edition . . . By R. Tate. 12⁰. *London*, 1868.]

Wanting.
These two last were also issued together under the same date with a new title-page, reading :—"Second edition with an Appendix of recent and fossil conchological discoveries to the present time, by R. Tate."

—— Third edition with an Appendix . . . by R. Tate. *pp. xiv, 542, 86 : 24 pls., text illust.* 12⁰. *London*, 1875.

This is a re-issue of the second edition and the Appendix, with a new title-page.
Another re-issue, entitled "Fourth edition," appeared in 1880.
A French edition entitled :—"Manuel de Conchyliologie . . . par . . . S. P. Woodward . . . augmenté d'un Appendix par R. Tate . . . Traduit de l'Anglais sur la deuxième édition par A. Humbert," was published in Paris in 1870. It formed the basis of the subsequent "Manuel" by P. H. Fischer [*q.v.*], 1880–87.

Woodward (Samuel P.) Catalogue of the Mollusca in the . . . Museum. Pt. IV. Brachiopoda Ancylopoda, or Lamp Shells. [By J. E. Gray, assisted, especially as regards the fossil species, and in the illustrations, by S. P. Woodward.] *See* British Museum (Natural History). *Zoology.* [*Brachiopoda.*] 12⁰. 1853.

Woodward (Samuel P.) [For descriptions of, and notes on some fossil Echinoderma] *See* Great Britain & Ireland.—*Geological Survey.* Figures and descriptions illustrative of British Organic remains. Dec. V. 8⁰. 1856.

Woodward (Samuel P.) Catalogue of Fossils, found in the British Isles, forming the private collection of J. Tennant. [By S. P. Woodward.] *See* Tennant (J.) 12⁰. 1858.

Woodward (Samuel P.) Generic Catalogue of recent and fossil Shells. Re-arranged, with the addition of recently established genera. *pp. 23.* 4⁰. *Weymouth*, 1859 [*i.e.* 1858].

Printed on one side of the paper only, and ruled for cutting up as labels. The author's presentation copy to Sir R. Owen, which is kept in the Geological Department Library, bears the note by him : "NB. Prepared by Hugh Owen, Esq, of Bristol. The proofs were seen by me once," and the date "Decr. 29th, 1858."

Woodward (Samuel P.) [For illustrations and descriptions of Invertebrate Palæontology] *See* Encyclopædias. Encyclopædia Britannica . . . Eighth edition. Vol. XVII. Palæontology. By R. Owen. 4⁰. 1859.

—— [Another edition.] *See* Owen (*Sir* R.) Palæontology, *&c.* 8⁰. 1860.

—— —— Second edition. 8⁰. 1861.

Woodward (Samuel P.) Tabular view of the orders & families of the Mollusca [arranged by S. P. Woodward]. *See* Lowry (J. W.) 4⁰. [1860.]

Woodward (Samuel P.) [Manuscript "Notes from Nature" made at Norwich from 1832 to 1834.] *pp. 50 : 1 pencil sketch.* 8⁰. [1832–34.]

Woodward (Samuel P.) Catalogue of Fossil organic Remains in the Cabinet of Mrs. M. H. Smith [Manuscript list compiled with water-colour drawings by S. P. Woodward]. *See* Smith (M. H.) *Mrs., of Tunbridge Wells.* [⁰. 1845–46].

Woodward (Samuel P.) [For manuscript Notes by S. P. Woodward.] *See* Adams (H.) & (A.) The Genera of Recent Mollusca, *&c.* 8⁰. 1858.

Woodward (Samuel P.) [Autograph notes, with original drawings in pencil, pen-and-ink and water-colour, being the material from which the "Manual of the Mollusca" was compiled.] 4⁰. [ ]

Woodward (Samuel P.) Drawings of Brachiopoda. *See* Davidson (T.) Original drawings of . . . Brachiopoda. Vol. xxi. 4⁰. [ ]

WOODWARD (Thomas Jenkinson) [1745–1820] & **Goodenough** (S.) *Bishop of Carlisle.* Observations on the British Fuci, with particular descriptions of each species. *See* Goodenough (S.) *Bishop of Carlisle* & Woodward (T. J.) 4⁰. [1797.]

WOODWARDIAN MUSEUM (afterwards **Sedgwick Museum**). *See* Cambridge.—University.

WOODWORTH (Charles William) The Wing Veins of Insects. *pp. 152 : text illust.* 8⁰. *Sacramento*, 1906.
Univ. California Publications. Technical Bulletins. Coll. Agric. Exper. Stat. Entomology, Vol. 1, no. 1.

WOODWORTH (Jay Backus) [1865–] Geology of the Narragansett basin. Pt. ii. The northern and eastern portions of the basin, with a Bibliography of the Cambrian and Carboniferous Rocks of the basin. *pp. 91–214 : 15 pls., 1 map geol. col., text illust.* *See* United States.—*Geological Survey.* Monographs, *&c.* Vol. xxxiii. 4⁰. 1899.

WOODWORTH (William McMichael) [1864?–1912] Text-Book of the Embryology of Invertebrates . . . Translated from the German by E. L. Mark . . . [and] W. McM. Woodworth . . . With additions by the Authors and Translators, *&c.* Vol. i. *See* Korschelt (E.) & Heider (C.) 8⁰. 1895.

WOOG (Carl Christian) Allgemeine Historie der Reisen, *&c.* 21 Bd. *See* Arkstee ( ) & Merkus ( ) 4⁰. 1747–74.

WOOLACOTT (David) [1872–] Geology of north-east Durham, *&c.* *pp. vi [ii,] 84, iv : text illust.* 8⁰. *Sunderland*, 1897.

Woolacott (D.) On a case of Thrust and Crush-Brecciation in the Magnesian Limestone, County Durham. *pp. 16 : 9 pls., 1 map, text illust.* *See* University of Durham Philosophical Society. Memoir No. 1. 8⁰. 1909.

WOOLHOPE NATURALISTS' FIELD CLUB.
[Founded 1851.]
Transactions, *&c.* 1856→ 8⁰. *Hereford*, 1856→
Wanting No. 2 (1857). The volume for 1866 is paged on to the preceding numbers (1–5).

—— Index . . . from 1851 to . . . 1882. 8⁰. [*Hereford,*] 1888.

—— Index . . . from 1883 to 1892 inclusive. 8⁰. [*Hereford,*] 1894.
Subsequently Indexes were published for each volume.

—— 1852 to 1865, *&c.* *pp. x, 392 : 1 map.* 8⁰. *Hereford*, 1907.

Woolhope Naturalists' Field Club.
A Flora of Herefordshire. Pt. i.† By . . . W. H. Purchase. [With Geological Notes by W. S. Symonds.] *pp. 25, 25 : 1 map.* *See* supra, Transactions, *&c.* 1866 [Prefix]. 8⁰. 1867.

Woolhope Naturalists' Field Club.
The Herefordshire Pomona, containing original figures and descriptions of the most esteemed kinds of Apples and Pears. The illustrations drawn and coloured from nature by Miss Ellis and Miss Bull. Technical Editor R. Hogg . . . General Editor H. G. Bull, *&c.* 2 Vol. [in 1] *illust.* fol. *Hereford & London*, 1876–85.

Woolhope Naturalists' Field Club.
Notes on the Birds of Herefordshire contributed by members of the . Club. Collected and arranged by . . . H. G. Bull . . . (1884–5). *pp. xxx [i,] 274 : 1 port.* 8⁰. *London & Hereford*, 1888.

Woolhope Naturalists' Field Club.
A Flora of Herefordshire. *See* Purchas (W. H.) & Ley (A.) 8⁰. 1889.

—— Additions . . . By . . . A. Ley. *See* supra, Transactions 1893–94. 8⁰. 1894 (1896).

WOOLLEY (Paul G.) Report on *Bacillus violaceus manilæ* : a pathogenic microörganism. *pp. 15, 1 tab.* *See* Philippine Islands.—*Science Bureau.* [Bulletin.] No. 15. 8⁰. 1904.

WOOLLS (William) [1814–1893] A Contribution to the Flora of Australia. *pp. x, 255.* 8⁰. *Sydney, &c.*, 1867.

Woolls (W.) The Progress of Botanical Discovery in Australia : a lecture, *&c.* *pp. 41.* 32⁰. *Sydney*, 1869.

Woolls (W.) Species Plantarum Paramattensium secundum ordines naturales. *pp. x, 49.* 8⁰. *Gottingæ*, 1871.

Woolls (W.) Lectures on the Vegetable Kingdom, with special reference to the Flora of Australia. *pp. 227.* 8⁰. *Sydney & Parramatta*, 1879.

Woolls (W.) Plants indigenous in the neighbourhood of Sydney, arranged according to the system of Baron F. von Mueller. *pp. 59.* 8⁰. *Sydney*, 1880.

—— [Another edition entitled :] Plants indigenous and naturalised in the neighbourhood of Sydney, *&c.* *pp. 71.* 8⁰. *Sydney*, 1891.

Woolls (W.) The Plants of New South Wales according to the census of Baron F. von Mueller . . . with an introductory essay and occasional notes by W. Woolls. *pp. 121.* 8⁰. *Sydney*, 1885.

WOOLSEY (Lester Hood) Economic Geology of the Beaver quadrangle, Pennsylvania, *&c.* *pp. vi, 132 : 7 pls., 1 map geol. col., text illust.* *See* United States.—*Geological Survey.* Bulletin No. 286. 8⁰. 1906.

Woolsey (L. H.) Geology and Ore deposits of the Park City district, Utah . . . With Contributions by L. H. Woolsey. *See* United States.—*Geological Survey.* Professional Paper 77. 4⁰. 1912.

WOOLWARD (Florence H.) *Miss.* The genus *Masdevallia.* Issued by the Marquis of Lothian, K.T., chiefly from Plants in his collection of Orchids at Newbattle Abbey ; plates and descriptions by Miss F. H. Woolward ; with additional notes by F. C. Lehmann, *&c.* [*pp. iv :*] *1 map, 87 pls., with descriptive illust. letterpress.* fol. *Grantham*, (1890–) 1896.
Miss Woolward's original drawings are in the Botanical Department.

WOORAGEE VALLEY, Victoria. [*Maps.*] Plan of the western portion of Wooragee Valley. Scale 40 chains [= ½ m.] to 1 in. *See* VICTORIA, *Australia.—Department of Mines.* [*Maps.*] Geological sketch-map of the parish of Beechworth, *&c.* s.sh. 1871.

WOOSTER (DAVID) [1824?-1888] Loudon's Hortus Britannicus . . . A new edition . . . edited by Mrs. Loudon assisted by . . . D. Wooster, *&c.* *See* LOUDON (J. C.) 8⁰. 1850.

Wooster (D) [Second additional Supplement to Loudon's Encyclopædia of Plants . . . Prepared by G. Don . . . assisted by . . . D. Wooster, *&c.* *See* LOUDON (J. C.) An Encyclopædia of Plants, *&c.* 8⁰. 1855.]
Wanting.

—— [Another issue.] 8⁰. 1872.

Wooster (D.) [Alpine Plants : figures and descriptions of some of the most striking and beautiful of the Alpine Flowers. 8⁰. *London*, 1871.]
Wanting.

—— Second edition. *pp. xii, 152 : 54 pls. (col.)* 8⁰. *London*, 1874.

—— Second series. *pp. 140 : 54 pls. (col.)* 8⁰. *London*, 1874.

WOOSTER (L. C.) [For geological reports in connection with the Survey] *See* WISCONSIN, *State of.—Geological Survey.* Geology of Wisconsin, *&c.*

WOOTON (ELMER OTTIS) Cacti in New Mexico. *pp. 70 : 18 pls., back to back.* *See* LAS CRUCES.—*New Mexico College of Agriculture & Mechanic Arts.—Agricultural Experiment Station.* Bulletin No. 78. 8⁰. 1911.

Wooton (E. O.) & **Standley** (P. C.) The Grasses and Grass-like Plants of New Mexico. *pp. 175 [1] : 12 pls. back to back, text illust.* *See* LAS CRUCES.—*New Mexico College of Agriculture & Mechanic Arts.—Agricultural Experiment Station.* Bulletin No. 81. 8⁰. (1911), 1912.

WORCESTER. — Malvern Naturalists' Field Club.
See MALVERN FIELD CLUB.

WORCESTER.—Worcestershire Natural History Society.
See WORCESTERSHIRE NATURAL HISTORY SOCIETY.

WORCESTER (DEAN CONANT) [1866-] & **Bourns** (F. S.) Preliminary notes on the Birds and Mammals collected by the Menage Scientific Expedition to the Philippine Islands. *See* MINNESOTA ACADEMY OF NATURAL SCIENCES. Occasional papers. Vol. I, no. 1. 8⁰. 1894.

Worcester (D. C.) & **McGregor** (R. C.) A Hand-List of the Birds of the Philippine Islands. *pp. 123.* *See* PHILIPPINE ISLANDS.—*Science Bureau.* [Bulletin.] No. 36. 8⁰. 1906.

WORCESTER (JOSEPH EMERSON) [1784-1865] A Dictionary of the English Language. *pp. lxviii, 1786 : 1 port., text illust.* 4⁰. *London*, 1878.

—— [Another issue.] 4⁰. *London*, 1879.

WORCESTERSHIRE EDUCATION COMMITTEE.
Report on the Orchards & Fruit Plantations of Worcestershire, with a short account of some of the worst Diseases observed. And suggestions for their treatment, by F. V. Theobald. *pp. 30.* 8⁰. [*Worcester*, 1906.]

WORCESTERSHIRE NATURAL HISTORY SOCIETY. [Founded 1833.]
[Publications including a series of Reports, *&c.*, as below, without any collective title-page.]
8⁰. & 12⁰. *Worcester, London*, 1833-66.

(Report of the Committee — Rules, *&c.*) *pp. 16.* 1833.
Illustrations of the Natural History of Worcestershire . . . By C. Hastings. *pp. [i,] ii [ii,] 184 : 1 map geol. col.* 1834.
Appendix contains :—
B. Fish of the Avon.
C. Catalogue of some of the rarer Lepidopterous Insects found in Worcestershire. By Mr. Lees.
D. Catalogue of the . . . Plants indigenous to Worcestershire, with their habitats.
E. Mineral productions of Worcestershire, *&c.*
The Address of the Council . . . delivered at their first Anniversary Meeting. *pp. 27 [10].* 1834.
Proceedings at the second Anniversary Festival, *&c.* *pp. 40, 64 : 1 pl.* 1835.
An Address delivered at the opening of the Worcestershire Museum, by C. Hastings . . . to which is subjoined the first fasciculus of the . . . History (Topography and Natural History) of Worcestershire. Parish of Great Witley, by T. Pearson . . . and . . . J. Pearson. *pp. 57, 40.* 1837.
Rules and Regulations. *pp. 10.* 1839.
Observations on Longevity and on public health . . . By C. Hastings. *pp. 27.* 1840.
Statistical and general History (Topography and Natural History) of Worcestershire . . . Fasc. III. Parishes of Areley Kings and Shrawley. By K. Watson. *pp. 29.* [1840?]
The Address of the Council . . . delivered at the eighth Anniversary Meeting. *pp. 36.* 1841.
The Address of the Council . . . delivered at the eleventh Anniversary Meeting. *pp. 23.* 1844.
The Address of the Council . . . delivered 1848. By C. Hastings. *pp. 16.* 1848.
The Address delivered at the Anniversary Meeting . . . 1849. By G. W. Hastings. *pp. 16.* 1849.
Nature's teaching : a lecture . . . by . . . D. Melville. *pp. 19.* 1851.
The Report of the Council . . . and an address on the Geology of the Vale of the Severn . . . by Prof. Buckman. *pp. 18.* 1852.
The Report of the Meeting . . . holden . . . Sept. 23rd, 1856 ; containing an outline of the Address delivered . . . by E. Lankester, *&c.* *pp. 11.* [1856.]
The Report of the Meeting . . . holden . . . Sept. 23rd, 1857 ; containing an outline of the Address delivered . . . by E. Lankester, *&c.* *pp. 24.* [1857.]
The Report of the Council . . . read at the Anniversary Meeting . . . 1863, by . . . J. Pearson, *&c.* *pp. 7.* 1863.
An account of the Proceedings at the Annual Meeting . . . 1864 . . . including the Address delivered . . . by E. Lankester. *pp. 20.* 1864.
Rules. *pp. 10.* 1866.

Worcestershire Natural History Society.
The affinities of Plants with Man and Animals, their analogies and associations ; a lecture delivered before the . . . Society . . . 1833, *&c.* *See* LEES (E.) 8⁰. 1834.

WORCESTERSHIRE NATURALISTS' CLUB.
[Founded 1847.]
The Transactions, *&c.* 1847-96, 1897-99, Vol. III→ *illust.* 8⁰. *Worcester*, 1897→

Worcestershire Naturalists' Club.
The Botany of Worcestershire . . printed for the . . . Club. *See* LEES (E.) 4⁰. 1887.

WORDSWORTH (WILLIAM) [1770-1850] A complete Guide to the Lakes . . . with Mr. Wordsworth's description of the scenery of the country, *&c.* *See* HUDSON (J.) 8⁰. 1843.

Wordsworth (W.) An Index to the Animal and Vegetable Kingdoms of Wordsworth, *&c.* *See* TUTIN (J. R.) 8⁰. 1892.

WORKINGTON SCIENTIFIC AND LITERARY SOCIETY. [Founded 1874.]
See CUMBERLAND AND WESTMORLAND ASSOCIATION FOR THE ADVANCEMENT OF LITERATURE AND SCIENCE.

WORLD. Um die Welt ohne zu wollen. [By Ludwig Salvator, Archduke of Austria.] *pp. [iv,] 384.* 8⁰. *Prag*, 1881.

World. [*Maps.*] [Atlas to Guthrie's System of Geography.] *See* GUTHRIE (W.) fol. [1785.]

World. [*Maps.*] Magnetischer Atlas gehörig zum Magnetismus der Erde. *See* HANSTEEN (C.) obl. fol. 1819.

World. [*Maps.*] Geological Map of the World by J. Marcou. Constructed by J. M. Ziegler. Scale 1 : 23,000,000 [*i.e.* 1 in. = 363 m. about.]
8 sh. *col. Winterthur*, 1861.

There is also a French title, and Explanation.
This copy has been further coloured by R. Etheridge, to illustrate some of his views concerning the distribution of marine Mollusca in more or less climatic zones, and the development of modern Molluscan Faunas from those of the immediately preceding Geologic periods.

World. [*Maps.*] Dr. H. Berghaus' Physikalischer Atlas, *&c.* *See* BERGHAUS (H.) fol. (1886-) 1892.

World. [*Maps.*] Stanford's London Atlas, *&c.* *See* STANFORD (E.) fol. 1887.

World. [*Maps.*] H. Berghaus: Chart of the World on Mercators Projection. Entirely reconstructed by H. Habenicht and B. Domann . . . XIIth Edition, *&c.*
4 sh. *col. Gotha*, 1897.

The first edition appeared in 1863.

World. [*Maps.*] Carte générale bathymétrique des Océans dressée par ordre de S.A.S. le Prince de Monaco d'après le mémoire de . . . Prof. Thoulet . . sous la direction de M. C. Sauerwein . . . par M. Tollemer . . . Échelle 1 : 10,000,000 [*i.e.* 1 in. = 158 m. about.]
26 sh. *col. Paris* [1905].

For accounts of drafting, and publication of this map, *See* "Bull. Musée Océanographique de Monaco." No. 4 & 21.

World. *Maps.* [Map of the World on Mercator's projection, showing the] Mean Annual Surface Isotherms [of the Waters of the Globe]. Prepared by . . . G. Schott.
6 sh. *Challenger Society* [*London*], 1906.

WORLD'S COLUMBIAN EXPOSITION, 1893. *See* CHICAGO.

WORLIDGE (JOHN) Systema Agriculturæ, the mystery of Husbandry discovered . . . Published . . . by J. W., Gent [*i.e.* J. Worlidge]. *See* W., J., *Gent.* 4⁰. 1669.

WORM (OLE) [1588–1654] De aureo cornu (Danico) . . eruditorum judicia. *See* BARTHOLINUS (T.) T. Bartholini . . De Unicornu observationes novæ.
8⁰. 1645.

—— [Another edition.] 12⁰. 1678.

Worm (O.) Museum Wormianum. Seu historia rerum rariorum . . . quæ . . . in ædibus authoris servantur. *pp.* [*x*,] *388 : 2 pls., text illust.*
fol. *Lugduni Batavorum*, 1655.

WORMALD (THOMAS) & **McWhinnie** (A. M.) A series of Anatomical Sketches and Diagrams, with descriptions and references. *pp. 59 : 28 pls.* (*col.*)
4⁰. *London*, 1838 (-1843).

The title-page and preface are in duplicate: one set dated 1838 and the other 1843.

WORMES (ERNESTUS GODOFREDUS LUDOVICUS) [1801-] Descriptio physiologico-anatomica Cranii Simiæ Satyri. Dissertatio Zootomica, *&c.* *pp. viii, 24 : 2 pls.* 8⁰. *Berolini*, 1823.

WORMIUS (OLAUS) *See* WORM (OLE).

WORMLEY (THEODORE GEORGE) [1826–1897] [For official publications in connection with the Survey] *See* OHIO, *State of.—Geological Survey.*

WORONIN (MICHAEL) *See* VORONĪN (M. S.)

WORSLEY (ARTHINGTON) Notes on the Distribution of the Amaryllideæ, and of certain liliaceous, irideous and other Plants in Grand Canary, Cuba, Jamaica and Venezuela, with an enumeration of species. *pp. 24.*
4⁰. *London*, 1895.

With manuscript notes by the author.

WORTH (RICHARD NICHOLLS) [1837–1896] The Rocks of Plymouth. *pp. 38 : 1 pl.* 8⁰. [*Plymouth*,] 1886.

Trans. Plymouth Instit. 1886.

Worth (R. N.) The igneous and altered Rocks of south-west Devon. *pp. 31.* 8⁰. [*Plymouth*,] 1887.

Trans. Devon Assoc. Vol. XIX.

Worth (R. N.) [Petrology and Mineralogy of Dartmoor.] *See* ROWE (S.) A perambulation of the . . . Forest of Dartmoor . . . Third edition, *&c.*
8⁰. 1896 [*i.e.* 1895.]

WORTHEN (AMOS HENRY) [1813–1888] Descriptions of some new species of Fossil Shells from the Lower Carboniferous Limestones and Coal Measures of Illinois. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VII, pt. 2, sect. 2. 8⁰. 1883.

Worthen (A. H.) Descriptions of two new species of Crustacea, fifty-one species of Mollusca, and three species of Crinoids, from the Carboniferous Formation of Illinois and adjacent States. *pp. 27.* *See* SPRINGFIELD.—ILLINOIS STATE MUSEUM OF NATURAL HISTORY. Bulletin, *&c.* No. 2. 4⁰. 1884.

Worthen (A. H.) Catalogue of American Paleozoic Fossils, the collection of A. H. Worthen, *&c.* *pp. 75 : text illust.* 8⁰. *Warsaw, Ill.*, 1889.

Worthen (A. H.) The private Life and scientific Work of . . . A. H. Worthen . . . With a portrait, *&c.* *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VIII, appendix. 4⁰. 1890.

Worthen (A. H.)
[For official publications in connection with the Survey] *See* IOWA, *State of.—Geological Survey.*
[For official publications as Director] *See* ILLINOIS, *State of.—Geological Survey.*

Worthen (A. H.) & **Meek** (F. B.) [Descriptions of Palæozoic Invertebrata of Illinois.] *See* ILLINOIS, *State of.—Geological Survey.* [Reports.] Vol. II, III, V & VI.
8⁰. 1866–75.

Worthen (A. H.) & **Miller** (S. A.) Description of fossil Invertebrates [of Illinois]. *See* ILLINOIS, *State of.—Geological Survey.* Geology and Palæontology. Vol. VII, pt. 2, sect. 2. 8⁰. 1883.

Worthen (A. H.) & **Newberry** (J. S.) Descriptions of new species of Vertebrates [Fish] mainly from the Subcarboniferous Limestones and Coal Measures. *See* ILLINOIS, *State of.—Geological Survey.* [Reports.] Vol. II, sect. 1; IV, pt. 2, sect. 1. 8⁰. 1866, 1870.

Worthen (A. H.) & **St. John** (O. H.) Descriptions of Fossil Fishes. (A partial revision of the Cochliodonts and Psammodonts, including notices of miscellaneous material acquired from the Carboniferous formations of the United States.) *See* ILLINOIS, *State of.—Geological Survey.* [Reports.] Vol. VI, pt. 2; VII, pt. 2, sect. 1. 8⁰. 1875, 1883.

WORTHINGTON (A. O.) Birds of Repton and the neighbourhood. *See* WYATT (W.) & THORNTON (C. G.) Flora Repandunensis, *&c.* 8⁰. 1866.

—— —— [Second edition entitled:] Contributions to the Flora and Fauna of Repton, *&c.* 8⁰. 1881.

WORTLEY (A. J. STUART) *See* STUART-WORTLEY.

WORTMAN (JACOB L.) Studies of Eocene Mammalia in the Marsh Collection, Peabody Museum. 2 Pt. *illust.* 8⁰. [*New York*, 1902–04.]

Amer. Journ. Sci. Vol. XI–XVII, 1901–04.

Wortman (J. L.) & **Cope** (E. D.) Post-Pliocene Vertebrates of Indiana. (An account of the Mammalian Fauna of the Post-Pliocene deposits, *&c.*) *pp. 62 : 6 pls. See* INDIANA, *State of.—Department of Geology and Natural Resources.* Annual Report, no. XIV, pt. 2. 8⁰. 1884.

WORTMANN (JULIUS) *See* BOTANISCHE ZEITUNG. Herausgegeben von . . . J. Wortmann. Jahrg. XLVI–LV. 8⁰. 1888–97.

WOSNESSENSKY (W.) *See* VOZNESENSKIĬ (V.)

WOSSIDLO (PAUL) [1836–] Quædam additamenta ad Palmarum anatomiam. Pars prior. Dissertatio inauguralis, *&c. pp.* [*viii,*] *23.* 8⁰. *Vratislaviæ*, 1860.

Wossidlo (P.) Ueber die Structur der *Jubœa spectabilis.* Ein Beitrag zur Anatomie der Palmen. *pp. 32 : 5 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXVIII, no. 5. 4⁰. 1861.

Wossidlo (P.) Ueber Wachsthum und Structur der Drachenbäume. *pp. 32 : 2 pls.* 8⁰. *Breslau*, 1868.
Jahresb. Realsch. am Zwinger zu Breslau.

Wossidlo (P.) Leitfaden der Botanik, *&c. pp. viii, 255 : 1 map, text illust.* 8⁰. *Berlin*, 1888.

Wossidlo (P.) Das Tarnowitzer Plateau nach seinen geographischen und naturwissenschaftlichen Beziehungen. I. Teil, nebst einem Anhange : Die Entstehung des Norddeutschen Diluviums. *pp. 32.* 8⁰. *Tarnowitz*, 1891.
Beilage zum Oster-Programm des Realgymnasiums zu Tarnowitz.

WOTHTSCHALL (E.) *See* VOTCHAL (E. F.)

WOTSCHALL (E.) *See* VOTCHAL (E. F.)

WOTTON (EDWARD) *See* WOTTONUS.

WOTTON (F. W.) Coleoptera of the Cardiff district. Collected by . . . F. W. Wotton.—Fresh water and Terrestrial Mollusca.—The Marine Molluscan Fauna of Cardiff. *See* JAMES (I.) Handbook for Cardiff, *&c.* 8⁰. 1891.

WOTTON (WILLIAM) [1666–1726] An examination of Dr. Woodward's Account of the Deluge . . . With a letter . . . concerning an abstract of A. Scilla's book on the same subject . . . By W. W. [*i.e.* W. Wotton]. *See* ARBUTHNOT (J.) 8⁰. 1697.

WOTTONUS (EDOARDUS) [1492–1555] E. Wottoni . . . de Differentiis Animalium libri decem, *&c.* [*pp. viii,*] *foll. 220* [*pp. 26*]. fol. *Lutetiæ Parisiorum*, 1552.

Wottonus (E.) Insectorum sive minimorum Animalium theatrum : olim ab E. Wottono . . . inchoatum, *&c. See* MOFFETT (T.) fol. 1634.

WOYT (JOHANN JACOB) Dissertatio physica de varia Plantarum propagatione . . . respondente J. J. Woyt, *&c. See* PACKBUSCH (S. L.) 4⁰. [1695.]

WRANGEL (FERDINAND LUDWIG VON) *Baron* [1796–1870] Reise . . . längs der Nordküste von Sibirien und auf dem Eismeere in den Jahren 1820 bis 1824 . . . Bearbeitet von G. Engelhardt. Herausgegeben, nebst einem Vorwort, von C. Ritter. 2 Thl. [in 1 Vol.] 8⁰. *Berlin*, 1839.

Wrangel (F. L. VON) *Baron.* Narrative of an expedition to the Polar Sea, in . . . 1820–1823 . . . Edited by Major E. Sabine. [Translated by Mrs. Sabine.] *pp. cxxxvii, 413 : 1 map.* 8⁰. *London*, 1840.

WRANY (ADALBERT) Die Pflege der Mineralogie in Böhmen, *&c. pp. viii, 421.* 8⁰. *Prag*, 1896.

WRAXALL (*Sir* FREDERICK CHARLES LASCELLES) [1828–1865] Life in the Sea ; or the nature and habits of Marine Animals. *pp. viii, 312 : 1 pl., text illust.* 8⁰. *London*, 1860.

WRAY (LEONARD) *See* WRAY (L. HUME).

WRAY (LEONARD) *the Younger, I.S.O.* [1852–] Notes on Perak, with a sketch of its vegetable, animal and mineral products. *pp. 33, 1 map. See* LONDON.—*Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

WRAY (LEONARD HUME) [1816–1901] The Zulu-Kafir Imphee or, "Sweet Reed," (*Holcus Saccharatus* of Linnæus,) comprising a description of its . . . varieties, *&c. pp. x, 45.* 8⁰. *London*, 1854.
Printed for private circulation.

Wray (LEONARD H.) The Zulu-Kaffir Imphee or, "Sweet-Reed" (The *Holcus Saccharatus* of Linnæus), *&c. See* OLCOTT (H. S.) Sorgho and Imphee ; the Chinese and African Sugar Canes, *&c.* Part II. 8⁰. 1857.

WREDOW (JOHANN CHRISTIAN LUDWIG) [1773–1823] Oeconomisch-technische Flora Meklenburgs ; oder Beschreibung nicht allein aller in Meklenburg wildwachsenden Pflanzen, sondern auch derer, welche . . . bey uns cultivirt werden, *&c.* 2 Bd. 8⁰. *Lüneburg*, 1811–12.

WREN (WALTER) Reise des . . . G. Fenners, in die Inseln des Grünen Vorgebürges, etc. (1566.) *See* ARKSTEE ( ) & MERKUS ( ). Allgemeine Historie der Reisen, *&c.* Bd. I. 4⁰. 1747.

WRETHOLM (CARL JOSUA) Om möjligheten att, enligt vegetabiliernes naturliga analogier, a priori bestämma deras egenskaper och verkningar på menskliga organismen . . . af författaren C. J. Wretholm . . . Del. 2. *See* WAHLENBERG (G.) 4⁰. 1834.

WRETSCHKO (MATHIAS) Beitrag zur Entwicklung der Inflorescenz in der Familie der Asperifolien. *pp. 23.* 8⁰. *Wien*, 1866.
Jahresb. k. k. Akad. Gymn. Wien. 1865–6.

Wretschko (M.) [Vorschule der Botanik, *&c.* 8⁰. *Wien*, 1866.]
Wanting.

—— Dritte Auflage. *pp. viii, 246.* 8⁰. *Wien*, 1880.

WREXHAM SOCIETY OF NATURAL SCIENCE. [Founded 1872.]
Annual Report, *&c.* 1874–79. *See* CHESTER SOCIETY OF NATURAL SCIENCE AND LITERATURE. Annual Report, *&c.* No. IV–VIII. 8⁰. 1875–79.

WRIGHT (ALBERT A.) On the ventral armor of *Dinichthys. See* OHIO, *State of.—Geological Survey.* Report, *&c.* Vol. VII, pt. 2. The Fossil Fishes of Ohio. Supplement. 8⁰. [1894.]

Wright (ALBERT A.) [For official reports in connection with the Survey] *See* OHIO, *State of.—Geological Survey.*

WRIGHT (ALMROTH EDWARD) Principles of Microscopy : being a Handbook to the Microscope. *pp. xxii, 250 : 18 pls.* (*col.*), *text illust.* 8⁰. *London*, 1906.

WRIGHT (BERLIN HART) Notes on the Geology of Yates county, N.Y. *See* ALBANY.—NEW YORK STATE MUSEUM OF NATURAL HISTORY. Annual Report, *&c.* No. 35. 8⁰. 1884.

Wright (BERLIN H.) Check list of North American Unionidæ and other fresh water Bivalves. [*pp. 8.*] 8⁰. *Portland, Oregon*, 1888.

WRIGHT (Bryce McMurdo) Native Silica: a treatise upon a series of specimens of Quartz, Rock Crystal, Chalcedony, Agates, and Jaspers, as well as other . . . Minerals . . . with a chapter upon the formation of Agates . . . with a descriptive catalogue of the specimens forming the collection of the late . . . Earl of Derby . . . bequeathed by him to the Liverpool Free Museum. *pp. viii, 263.* 8⁰. *London*, 1894.

WRIGHT (Charles) [1811?-1885] Plantæ Wrightianæ e Cuba orientali. 2 Pt. *See* Grisebach (A. H. R.) 4⁰. 1860-62.

WRIGHT (Charles) Flora Cubana. Revisio Catalogi Grisebachiani, vel Index Plantarum Cubensium ad Catalogum cl. Grisebachii anno 1866 editum attemperata, pluribus Wrightianis novis speciebus aucta, valde quoque emendata, a cl. Wright, *&c.* *See* Sauvalle (F. A.) 8⁰. [1868-73.]

WRIGHT (Charles E.) [1843-1888] Microscopic determinations and descriptions of . . . Huronian Rocks and Ores. *See* Michigan, *State of.—Geological Survey.* Upper Peninsula, 1869-73, *&c.* Vol. ii, appendix c. 8⁰. 1873.

Wright (Charles E.) The Geology of Lower Michigan, with reference to Deep Borings. Edited from notes of C. E. Wright, *&c.* *pp. 100 : 73 pls., 1 map.* *See* Michigan, *State of.—Geological Survey.* [Reports, *&c.*] Vol. v, pt. ii. 8⁰. 1895.

Wright (Charles E.) [For geological reports in connection with the Survey] *See* Wisconsin, *State of.—Geological Survey.* Geology of Wisconsin, *&c.*

WRIGHT (Charles East) & **Woodward** (B. B.) [Non-Marine Mollusca of Rutlandshire.] *See* Woodward (B. B.) & Wright (C. E.) 4⁰. [1908.]

WRIGHT (Charles Henry) [1864-] [Palmæ of South Africa.] *See* Harvey (W. H.) & Sonder (O. W.) Flora Capensis, *&c.* Vol. vii. 8⁰. 1897.

Wright (Charles H.) [Solanaceæ, Hydrocharideæ, Burmanniaceæ, Palmæ, Pandaneæ & Alismaceæ of Tropical Africa.] *See* Oliver (D.) Flora of Tropical Africa, *&c.* Vol. iv, sect. 2 ; & vol. vii & viii. 8⁰. 1897-1906.

Wright (Charles H.) List of the Plants occurring in the Uganda Protectorate, *&c.* *See* Johnston (*Sir* H. H.) *G.C.M.G.* The Uganda Protectorate, *&c.* Vol. i. 8⁰. 1902.

Wright (Charles H.) & **Baker** (J. G.) [Boragineæ, Nyctagineæ, Illecebraceæ, Phytolaccaceæ, Polygonaceæ, Podostemaceæ, Cytinaceæ, Aristolochiaceæ, Piperaceæ, & Monimiaceæ of Tropical Africa.] *See* Oliver (D.) Flora of Tropical Africa, *&c.* Vol. iv, sect. 2; Vol. vi, pt. 1. [1905, 09.]

Wright (Charles H.) & **others**. The Botany of Gough Island. *See* Scottish Oceanographical Laboratory. Scottish National Antarctic Expedition. Report on the Scientific Results of the voyage of S.Y. "Scotia," *&c.* Vol. iii, pt. 3. 4⁰. 1912.

WRIGHT (Charles Will) [1879-] The Porcupine Placer district, Alaska. *pp. 35 : 8 pls., 2 maps (1 geol. col.), text illust.* *See* United States. — *Geological Survey.* Bulletin No. 236. 8⁰. 1904.

Wright (Charles W.) A reconnaissance of Admiralty Island, Alaska. *See* United States.—*Geological Survey.* Bulletin No. 287. 8⁰. 1906.

Wright (Charles W.) & (F. E.) The Ketchikan and Wrangell mining districts, Alaska. *pp. 210 : 7 pls., 5 maps (3 geol. col.), text illust.* *See* United States.—*Geological Survey.* Bulletin No. 347. 8⁰. 1908.

WRIGHT (Chauncy) [1830-1875] Darwinism : being an examination of Mr. St. G. Mivart's 'Genesis of Species.' *pp. 46.* 8⁰. *London*, 1871.
Reprinted from the "North American Review," July 1871, with additions.

WRIGHT (Edward) *M.D.* Some observations made in travelling through France, Italy, &c., in . . . 1720-22 . . . Second edition. 2 Vol. [in 1.] *pp. xvi, 516 : 41 pls., text illust.* 4⁰. *London*, 1764.

WRIGHT (Edward) *Mathematician* [1558?-1615] Reise des Grafen G. von Cumberland nach den Azoiischen Eylanden, etc. (1589). *See* Arkstee ( ) & Merkus ( ) Allgemeine Historie der Reisen, *&c.* Bd. i. 4⁰. 1747.

Wright (Edward) *Mathematician.* The voyage of . . . George Earl of Cumberland to the Azores, *&c.* *See* Pinkerton (J.) A general Collection of . . . Voyages, *&c.* Vol. i. 4⁰. 1808.

Wright (Edward) *Mathematician.* The [third] Voiage of . . . George, Erle of Cumberland, to the Azores, *&c.* *See* Hakluyt Society. Works, *&c.* No. 59. 8⁰. 1880.

WRIGHT (Edward Perceval) [1834-1910] Spicilegia Biologica : or, papers on zoological and botanical subjects . . . Pt. i.† Jan. 1870. *pp. 84 : 5 pls.* 8⁰. [*Dublin* ?] 1870.
A series of 13 papers, chiefly reprinted from the "Ann. & Mag. of Nat. Hist." 1866-70. Only 75 copies printed.

Wright (Edward P.) *See* Natural History Review, *The* . . . Edited by . . . E. P. Wright, *&c.* Vol. v—Ser. II, vol. v.† 8⁰. 1858-65.

Wright (Edward P.) *See* Journal of Anatomy and Physiology, *The*, conducted by . . . E. P. Wright, *&c.* Vol. i. 8⁰. (1866-) 1867.

Wright (Edward P.) Six months at the Seychelles. Letter, *&c.* *pp. 16.* 8⁰. (*Dublin,*) 1868.
Privately printed.

Wright (Edward P.) & **Huxley** (*Rt. Hon.* T. H.) On a Collection of Fossil Vertebrata, from the Jarrow Colliery . . . Kilkenny, Ireland. *See* Huxley (*Rt. Hon.* T. H.) & Wright (E. P.) 4⁰. 1867.

Wright (Edward P.) & **Studer** (T.) Report on the Alcyonaria collected by H.M.S. Challenger during . . . 1873-76. *pp. lxxii, 314 : 49 pls., text illust.* *See* Great Britain & Ireland. [*Voyages, &c.—Challenger Expedition.*] Report, *&c.* Zoology (Pt. lxiv). Vol. xxxi. 4⁰. 1889.

WRIGHT (Frederic Eugene) [1877-] The Methods of Petrographic-Microscopic Research : their relative accuracy and range of application. *pp. 204 [2] : 11 pls., text illust.* 8⁰. *Washington, D.C.*, 1911.
Carnegie Institution of Washington. Publication No. 158.

Wright (F. E.) & (C. W.) The Ketchikan and Wrangell mining districts, Alaska. *pp. 210 : 7 pls., 5 maps (3 geol. col.), text illust.* *See* United States.—*Geological Survey.* Bulletin No. 347. 8⁰. 1908.

Wright (F. E.) & **others.** Early Man in South America. *pp. xv, 405 : 66 pls., 2 maps, text illust.* *See* Smithsonian Institution.—*Bureau of American Ethnology.* Bulletin lii. 8⁰. 1912.

WRIGHT (George Frederick) [1838-] The terminal moraine in Ohio and Kentucky, *&c.* *See* Pennsylvania, *State of.—Second Geological Survey.* Reports of Progress. z. 8⁰. 1884.

Wright (G. F.) The Glacial Boundary in Western Pennsylvania, Ohio, Kentucky, Indiana, and Illinois . . . with an introduction by T. C. Chamberlin. *pp. 112 : 8 pls., text illust.* *See* United States. — *Geological Survey.* Bulletin, *&c.* No. 58. 8⁰. 1890.

Wright (G. F.) The Ice-age in North America and its bearings upon the Antiquity of Man . . . With an appendix on "The probable cause of Glaciation" by W. Upham, *&c.* *pp. xviii, 622 : 1 pl., 3 maps (1 col.), text illust.* 8⁰. *London*, 1890.

Wright (G. F.) Man and the Glacial Period. By G. F. Wright . . . With an appendix on Tertiary Man by . . . H. W. Haynes. *pp. xiv, 385 : 3 maps, text illust.* 8⁰. *London*, 1892.
International Scientific Series.

Wright (G. F.) [For official reports in connection with the Survey] *See* Ohio, *State of.—Geological Survey.*

WRIGHT (James Homer) & **Mallory** (F. B.) Pathological Technique, *&c.* *See* Mallory (F. B.) & Wright (J. H.) 8⁰. 1897.

WRIGHT (John) [1811-1846] North American Botany comprising the native and common cultivated plants north of Mexico, *&c.* *See* Eaton (A.) A manual of Botany . . . Eighth edition, *&c.* 8⁰. 1840.

WRIGHT (Joseph) [1834-] Recent Foraminifera of Down and Antrim. 8⁰. *Belfast*, 1877.
Ann. Rept. Belfast Nats.' Field Club. Appendix. Vol. I, no. 4.

Wright (Joseph) The Post Tertiary Foraminifera of the north east of Ireland. 8⁰. [*Belfast*, 1881.]
Ann. Rept. Belfast Nats.' Field Club. Appendix. Vol. I, no. 5.

WRIGHT (Lewis) [1838-1905] The illustrated Book of Pigeons . . . Edited by L. Wright. *See* Fulton (R.) 4⁰. [1874-76.]

Wright (L.) [Optical projection : a treatise on the use of the Lantern, *&c.* 8⁰. *London*, 1891.]
Wanting.

—— Third edition with Appendix. *pp. vi, 438 : text illust.* 8⁰. *London*, 1895.

WRIGHT (Magnus von) Finlands Foglar, hufvudsakligen till deras drägter . . . Senare afdelningen, efter författarens död omarbetad med särskild hänsyn till arternas utbredning och utgifven af J. A. Palmén. *pp. xvii, 681 [4].* *See* Helsingfors.—finska vetenskaps-societeten. Bidrag till Kännedom af Finlands Natur, *&c.* Hft. xxii. 8⁰. 1873.

WRIGHT (O. W.) [For geological reports as Chief Geologist] *See* Wisconsin, *State of.—Geological Survey.* Geology of Wisconsin, *&c.*

WRIGHT (Robert Ramsay) [1852-] Vertebrata [Introduction] — Mammalia [Introduction] — Ornithodelphia—Didelphia—Ungulata—Primates. *See* Kingsley (J. S.) The Standard Natural History, *&c.* Vol. iii-v. 4⁰. 1883-85.

Wright (R. R.) *See* Toronto.—university. Studies. Biological Series : edited by Prof. R. Ramsay Wright. No. 1→ 8⁰. 1898→

WRIGHT (Theodore) Horticulture. *See* London. —*Colonial and Indian Exhibition, 1886.* Queensland : its resources and institutions, *&c.* 8⁰. 1886.

WRIGHT (Thomas) *Geologist* [1809-1884] An Introduction to Geology . . . By . . . G. F. Richardson. A new edition, revised . . . by T. Wright. *See* Richardson (G. F.) Geology for beginners. New [Fourth] edition, *&c.* 8⁰. 1851.

Wright (Thomas) *Geologist.* On Fossil Echinoderms, from the Island of Malta ; with notes on the stratigraphical distribution of the fossil organisms in the Maltese beds. *pp. 63 : 4 pls.* 8⁰. *London*, 1855.
Ann. & Mag. Nat. Hist. Vol. xv.

Wright (Thomas) *Geologist.* Outlines of Comparative Physiology . . . By L. Agassiz and A. A. Gould. Edited from the revised edition . . . by T. Wright. *See* Agassiz (J. L. R.) & Gould (A. A.) 8⁰. 1855.

Wright (Thomas) *Geologist.* Monograph on the British Fossil Echinodermata of the Oolitic formations. *See* Palæontographical Society. 4⁰. 1855-80.

Wright (Thomas) *Geologist.* Malta Fossils. Lithographed for distribution, *&c.* *See* Malta. 8⁰. 1857.

Wright (Thomas) *Geologist.* Monograph of the British Fossil Echinodermata from the Cretaceous formation. Vol. i. Echinoidea. *See* Palæontographical Society. Wright (T.) *& others.* 4⁰. 1864-82.

Wright (Thomas) *Geologist.* The correlation of the Jurassic Rocks of the Côte-d'Or and the Cotteswold Hills. *pp. 95 : 1 pl., text illust.* 8⁰. [*Gloucester*, 1872.]
Proc. Cotteswold Nats.' Field Club. Vol. v.

Wright (Thomas) *Geologist.* Monograph of the Lias Ammonites. *See* Palæontographical Society. 4⁰. 1878-86.

WRIGHT (Thomas) *M.A., F.S.A.* [1810-1877] Ethnology. By . . . J. C. Prichard. (Revised by T. Wright, *&c.*) *See* Great Britain & Ireland. — *Admiralty.* A Manual of Scientific Enquiry . . . Third edition, *&c.* 8⁰. 1859.

WRIGHT (Wilhelm von) [1810-] Skandinaviens Fiskar målade efter lefvande exemplar och ritade på sten af W. von Wright (Pisces Scandinaviæ . . . picti et . . . delineati a W. v. Wright), *&c.* *See* Fries (B. F.) *& others.* 4⁰. 1836-48.

Wright (Wilhelm von) A History of Scandinavian Fishes . . . with coloured plates by W. von Wright . . . Second edition . . . Pt. i. *See* Fries (B. F.) *& others.* 4⁰. 1893.

WRIGHT (William) *F.R.S.* [1735-1819] Memoir of . . W. Wright with extracts from his correspondence, and a selection of his papers on medical and botanical subjects. *pp. ii, 456 : 1 port.* 8⁰. *Edinburgh & London*, 1828.

WRIGHT (William) *F.Z.S.* The Hunterian Lectures on the morphology and variation of the Skull, *&c.* *pp. 27.* 8⁰. [*London*,] 1909.
Reprinted from "The Lancet," March 6, 1909.

WRIGHT (William Bourke) The Quaternary Ice Age. *pp. xxiv, 464 : 18 pls., 5 maps (2 col.), text illust.* 8⁰. *London*, 1914.

WRIGHT (William Greenwood) The Butterflies of the West Coast of the United States . . . with . . . descriptions of many new species and new varieties . . . Second edition. *pp. 257, vii : 32 pls. col., 1 port., text illust.* 8⁰. *San Bernardino, Cal.*, 1906.

WRIGLEY (Henry E.) Special report on the Petroleum of Pennsylvania, *&c.* *pp. viii, 122 : 1 pl., 5 maps & sections.* *See* Pennsylvania, *State of.—Second Geological Survey.* Reports of Progress. J. 8⁰. 1875.

WRISBERG (Heinrich August) [1739–1808] H. A. Wrisberg . . . observationum de Animalculis Infusoriis satura, *&c. pp.* [*xvi,*] *110 : 2 pls.* 8⁰. *Gœttingœ*, 1765.

WROUGHTON (Robert Charles) [1849–] On a collection of Mammals made by . . . S. A. Neave in Rhodesia, north of the Zambesi, *&c. pp. 39. See* Manchester Literary & Philosophical Society. Memoirs, *&c.* Vol. li, no. 5. 8⁰. 1907.

WRUCK (Adolf) Die Geheimnisse der Edelsteine. Praktische Winke zur Erkennung der Edelsteine und gemeinverständliche Abhandlung der einzelnen Fächer. *pp. 34 : 6 pp. of text illustrations.* 8⁰. *Berlin*, 1901.

—— Zweite . . . Auflage. *pp. 147 : text illust.* 8⁰. *Berlin*, 1913.

WUELFING (Ernst Anton) [1860–] Beiträge zur Kenntniss der Pyroxenfamilie in chemischer und optischer Beziehung. Habilitationsschrift, *&c. pp. 65.* 8⁰. *Heidelberg*, 1891.

Wuelfing (E. A.) Tabellarische Uebersicht der einfachen Formen der 32 krystallographischen Symmetriegruppen. *pp. 11, 1 tab. : 7 pls., text illust.* 4⁰. *Stuttgart*, 1895.

Wuelfing (E. A.) Die Meteoriten in Sammlungen und ihre Literatur ; nebst einem Versuch den Tauschwert der Meteoriten zu bestimmen. *pp. xlvi, 460.* 8⁰. *Tübingen*, 1897.

Wuelfing (E. A.) Ueber einige krystallographische Konstanten des Turmalins und ihre Abhängigkeit von seiner chemischen Zusammensetzung, *&c. pp. 99, 1 tab. : 1 pl. col., text illust.* 8⁰. *Stuttgart*, 1900.

Wuelfing (E. A.) Mikroskopische Physiographie der Mineralien und Gesteine . . . Vierte . . . Auflage. Von . . . E. A. Wülfing. Bd. i, pt. 1 & 2. *See* Rosenbusch (C. H. F.) 8⁰. 1904, 05.

Wuelfing (E. A.) Festschrift H. Rosenbusch Gewidmet von seinen Schülern zum siebzigsten Geburtstag 24. Juni 1906. [Preface by E. A. Wuelfing.] *pp. viii, 412 : 11 pls., 1 map geol. col., 1 port., text illust.* 4⁰. *Stuttgart*, 1906.

Contains :—
Ueber einige Schweizerische Glaukophangesteine. Von U. Grubenmann.
On two new occurrences of the "Cortlandt Series" of Rocks within the State of Connecticut. By W. H. Hobbs.
Einiges über Mineralpigmente. Von E. A. Wülfing.
Ueber den Amphibol von Cevadaes (Portugal). Von C. Hlawatsch.
The Geology of the Guaynopita district, Chihuahua . . . By E. O. Hovey.
Die Zersetzungsgeschwindigkeit des Quarzes gegenüber Flusssäure . . . Von O. Mügge.
Ueber Spaltungsvorgänge in granitischen Magmen, nach Beobachtungen im Granit des Riesengebirges. Von L. Milch.
Mitteilung über Olivindiabase aus dem Oberharze. Von M. Koch.
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Malchite und Vintlite im "Strona-" und "Sesiagneiss" (Piemont). Von H. Preiswerk.
Die Entstehung der Kupfererzlagerstätte von Corocoro und verwandter Vorkommnisse in Bolivia. Von G. Steinmann.
Der Aragonit von Sarul Dornei. Von . . . T. Nicolau.
Die Rhombenporphyre des Kilimandscharo. Von L. Finckh.
Ueber einen Magnesiumdiopsid führenden Diabas von Källsholm, Skärgård von Föglö, Ålandsinseln. Von W. Wahl.

Wuelfing (E. A.) Einiges über Mineralpigmente. *See* supra, Festschrift H. Rosenbusch, *&c.* 4⁰. 1906.

WUELKER (Gerhard) Ueber Japanische Cephalopoden. Beiträge zur Kenntnis der Systematik und Anatomie der Dibranchiaten. *pp. 71 : 5 pls. See* Munich.—Koeniglich Bayerische Akademie der Wissenschaften. Abhandlungen, *&c.* Supplement-Band iii, no. 1. 4⁰. 1910.

Forms also Bd. iii, no. 1, of "Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein."

Wuelker (G.) Ueber das Auftreten rudimentärer akzessorischer Nidamentaldrüsen bei männlichen Cephalopoden. *pp. 10 : 1 pl., text illust. See* Zoologica, *&c.* Bd. xxvi, hft. 67 [no. 7]. 4⁰. 1913.

WUELLERSTORF-URBAIR (Bernhard von) *Baron* [1816–1883] Reise der Oesterreichischen Fregatte Novara um die Erde, in . . . 1857–59, unter den Befehln des Commodore B. von Wüllerstorf-Urbair. 3 Bd. *See* Austria-Hungary. 8⁰. 1861–62.

—— Zweite Auflage. 8⁰. 1864–66.

Wuellerstorf-Urbair (B. von) *Baron.* Narrative of the circumnavigation of the globe by the Austrian Frigate Novara, (Commodore B. von Wüllerstorf-Urbair) . . . in . . . 1857–59, *&c.* 3 Vol. *See* Austria-Hungary. 8⁰. 1861–63.

WUELLNER (Friedrich Hugo Anton Adolph) [1835–1908] Lehrbuch der Experimentalphysik . . Vierte . . . Auflage. 4 Vol. *illust.* 8⁰. *Leipzig*, 1882–86.

WUENSCHE (Friedrich Otto) [1839–1905] [Excursionsflora für das Königreich Sachsen und die angrenzenden Gegenden. Nach der analytischen Methode bearbeitet. 8⁰. *Leipzig*, 1869.]
Wanting.

—— Dritte Auflage. *pp. lxiv, 420.* 8⁰. *Leipzig*, 1878.

Wuensche (F. O.) Filices Saxonicæ. Die Gefässkryptogamen des Königreichs Sachsen und der angrenzenden Gegenden. *pp. 31.* 8⁰. *Zwickau*, 1871.

Wuensche (F. O.) [Schulflora von Deutschland. Nach der analytischen Methode . . . Die Phanerogamen. 8⁰. *Leipzig*, 1871.]
Wanting.

—— Dritte Auflage. *pp. lxii, 427.* 8⁰. *Leipzig*, 1881.

Wuensche (F. O.) Flora von Thüringen . . . Im Anschluss an die "Schulflora von Deutschland" von . . . O. Wünsche, *&c. See* Vogel (H.) 8⁰. 1875.

Wuensche (F. O.) Die Kryptogamen Deutschlands. Nach der analytischen Methode bearbeitet . . . Die höheren Kryptogamen. *pp. xxxv, 127.* 8⁰. *Leipzig*, 1875.

Wuensche (F. O.) [Die Pilze, *&c.* 8⁰. *Leipzig*, 1877.]
Wanting.

Flore générale des Champignons . . . Traduit [with an index of the popular French names] par J. L. De Lanessan . . . Édition Française, *&c. pp. xv, 537.* 8⁰. *Paris*, 1883.

Wuensche (F. O.) Prof. . . . H. O. Lenz' nützliche, schädliche und verdächtige Schwämme. Sechste Auflage. Bearbeitet von . . . O. Wünsche, *&c. See* Lenz (Harald O.) 8⁰. 1879.

Wuensche (F. O.) Das Mineralreich . . . Fünfte . . . Auflage, *&c.* 2 Theil. *illust. See* Lenz (H. O.) Gemeinützige Naturgeschichte . . . Fünfte Auflage. Bd. v. 8⁰. 1885, 87.

Wuensche (F. O.) & **Schlechtendal** (D. H. R. von) Die Insecten. Eine Anleitung zur Kenntniss derselben. 3 Abth. *See* Schlechtendal (D. H. R. von) & Wuensche (O.) 8⁰. 1879.

WUENSCHE (Johann Georg) Enumeratio Plantarum circa Vitebergam in aquis, locis paludosis et humidis præcipuarum nec non officinalium sponte crescentium cum præfamine T. G. A. Vogt. *pp. xvi, 101.* 12⁰. *Vitebergœ*, 1804.

WUERTH (JOANNIS THEODORUS) J. T. Würth . . . Commentatio in quæstionem . . . quum notum sit, multa petrefacta in nostris regionibus reperta ad Animalium species pertinere, quæ aut ipsæ, aut quarum affines in calidis tantum terræ partibus vivunt, quæritur, *&c.* *pp. 42.* *See* LIEGE.—UNIVERSITÉ. Annales, *&c.* 1821-2. 4⁰. 1823.

WUERTTEMBERG. *See* WURTTEMBERG.

WUERTTEMBERGISCHE NATURWISSENSCHAFTLICHE JAHRESHEFTE.
See STUTTGART. — VEREIN FUER VATERLAENDISCHE NATURKUNDE IN WUERTTEMBERG.

WUERTTEMBERGISCHER NATURHISTORISCHER REISEVEREIN.
See STUTTGART.

WUERTZ (GEORG CHRISTOPH) [1756-1823] Affinitatum Animalium Tabulam brevi commentario illustratam . . . proponit G. C. Würtz, *&c.* *See* HERMANN (J.) 4⁰. [1777.]

WUERZBURG. *See* WURZBURG.

WUERZBURGER NATURWISSENSCHAFTLICHE ZEITSCHRIFT, *&c.* Bd. I-VI. *See* WURZBURG. — PHYSIKALISCH - MEDICINISCHE GESELLSCHAFT. Verhandlungen, *&c.* 8⁰. 1860-67.

WUEST (EWALD) [1875-] Untersuchungen über das Pliozän und das älteste Pleistozän Thüringens nördlich vom Thüringer Walde und westlich von der Saale. *pp. 352, 5 tabs.: 9 pls., text illust.* *See* HALLE.—NATURFORSCHENDE GESELLSCHAFT. Abhandlungen, *&c.* Bd. XXIII. 8⁰. 1901.

WUESTEMANN (ERNST FRIEDRICH) [1799-1856] Ueber die Kunstgärtnerei bei den alten Römern, vorgetragen in zwei Versammlungen des [Thüringer Gartenbau] Vereins. *pp. 151-180.* 8⁰. [*Gotha*, 1846.]

Wuestemann (E. F.) Unterhaltungen aus der alten Welt . . . Drei Vorträge, *&c.* *pp. 68.* 8⁰. *Gotha*, 1854.
I. Einiges über das Veredeln der Bäume bei den Alten.
II. Ueber die Papyrusstaude und die Fabrication des Papiers bei den Alten.
III. Die Rose, mit besonderer Rücksicht auf deren Kultur und Anwendung im Alterthum.

WUESTNEI (CARL) [1843-1902] & **Clodius** (G.) Die Vögel der Grossherzogthümer Mecklenburg, mit kurzen Beschreibungen. *pp. 363.* *See* MECKLENBURG.—VEREIN DER FREUNDE DER NATURGESCHICHTE. Archiv, *&c.* Jahr. LIV. 8⁰. 1900.
Also issued in separate form.

WUESTNEI (WILHELM) [-1907] Verzeichnis der in der näheren Umgebung Sonderburgs bisher aufgefundenen Käfer. (Erste Hälfte), *&c.* *pp. 30.* 8⁰. (*Sonderburg*,) 1886.
Beilage Progr. K. Realprogymn. Sonderburg.

WULF (CAROLUS ERICUS) Museum naturalium Academiæ Upsaliensis. Cujus Appendic. IX. . . . proponit C. E. Wulf, *&c.* *See* THUNBERG (C. P.) 4⁰. 1806.

WULFEN (FRANZ XAVER VON) [1728-1805] Plantæ rariores Carinthiacæ. *See* JACQUIN (N. J. VON) *Baron.* N. J. Jacquin Miscellanea Austriaca, *&c.* Vol. I, no. 5; II, no. 2 [*Continued as:*] N. J. Jacquin Collectanea Austriaca, *&c.* Vol. I, no. 5; II, no. 4; III, no. 1; IV, no. 4. 4⁰. 1778-90.

Wulfen (F. X. VON) Minera plumbi spatosa Carinthiaca. *See* JACQUIN (N. J. VON) *Baron.* N. J. Jacquin Miscellanea Austriaca, *&c.* Vol. II, no. 3 [*Continued as:*] N. J. Jacquin Collectanea Austriaca, *&c.* Vol. I, no. 1. 4⁰. 1781, 86.

Wulfen (F. X. VON) X. Wulfen descriptiones quorumdam Capensium Insectorum. *pp. xl, 2 pls. col.* 4⁰. *Erlangæ*, 1786.

Wulfen (F. X. VON) X. Wulfens Abhandlung von Kärnthenschen pfauenschweifigen Helmintholith, oder dem sogenannten opalisirenden Muschelmarmor. Erste Ausgabe, *&c.* 4⁰. *Nürnberg*, 1790.
Fragment only: consisting of *pp. 49-56: pl. iii.*

—— [Another edition.] *pp. 124: 33 pls. col.* 4⁰. *Erlangen*, 1793.

Wulfen (F. X. VON) X. de Wulfen . . . Cryptogama aquatica, *&c.* *pp. 64: 1 pl.* 4⁰. *Lipsiæ*, 1803.

Wulfen (F. X. VON) F. X. Wulfen . . . Plantarum rariorum descriptiones. *pp. 116.* 4⁰. *Lipsiæ*, 1805.

Wulfen (F. X. VON) F. X. Freiherrn von Wulfen's Flora Norica Phanerogama . . . herausgegeben von E. Fenzl & P. R. Graf. *pp. xiv, 816.* 8⁰. *Wien*, 1858.

WULFF (JOHANN CHRISTOPH) [-1767] Flora Borussica denuo efflorescens auctior. *pp. xxii, 267: 1 pl.* 8⁰. *Regiomonti & Lipsiæ*, 1765.

Wulff (J. C.) Ichthyologia, cum Amphibiis regni Borussici. Methodo Linneana disposita. *pp. [xii,] 60.* 8⁰. *Regiomonti*, 1765.

WULFF (THORILD) [1877-] Report on Plankton collected by . . . T. Wulff during a voyage to and from Bombay. By P. T. Cleve. *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi. Bd. I. 8⁰. 1904.

Wulff (T.) Plasmodesmastudier. *pp. 20: 1 pl.* *See* STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. V, no. 2. 8⁰. 1905.

Wulff (T.) Studien über heteroplastische Gewebewucherungen am Himbeer- und am Stachelbeerstrauch. *pp. 32: 7 pls., 1 text illust.* *See* STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VII, no. 14. 8⁰. 1908.

Wulff (T.)
Einige *Botrytis*-Krankheiten der *Ribes*-Arten. *pp. 18: 2 pls., text illust.*
Weitere Studien über die Kalluskrankheit des Himbeerstrauches. *pp. 6.*
See STOCKHOLM. — KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, *&c.* Bd. VIII, no. 2 & 15. 8⁰. 1909.

WULFFIUS (P.) Lepidopteren Ost-Sibiriens, insbesondere des Amur-Landes, gesammelt von . . . P. Wulffius, *&c.* *pp. 103: 8 pls.* *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VII, tom. VIII, no. 1. 4⁰. 1864.

WULFSBERG (NILS GREGERS INGVALD) [1847-1888] Fortegnelse over de i Sogn bemærkede Sphagna og Løvmoser. *See* BLYTT (A. G.) Om vegetations forholdene ved Sognefjorden, *&c.* 8⁰. 1869.

Wulfsberg (N. G. I.) Enumerantur muscorum quorundam rariorum sedes in Norvegia. *pp. 32.* 8⁰. [*Christiania*, 1876.]
Forhandl. Vidensk. Selsk. Christiania. 1875.

WULLSCHLEGEL (ARNOLD) Faune des Macro-Lépidoptères du Valais et des régions limitrophes . . . Avec la collaboration d'A. Wullschlegel, *&c.* *See* FAVRE (É.) 8⁰. 1899.

WULP (F. M. VAN DER) [1818 ?-1899] Tijdschrift voor Entomologie . . . Uitgegeven . . . onder redactie van . . . F. M. van der Wulp. Jahrg. XII-XXXVII. *See* HAGUE, THE.—NEDERLANDSCHE ENTOMOLOGISCHE VEREENIGING. 8⁰. 1869-94.

Wulp (F. M. VAN DER) Diptera Neerlandica. — De tweevleugelige Insecten van Nederland. Deel I. *pp. xviii, 497 : 14 pls. (col.)* 8⁰. *'s Gravenhage*, 1877.

Wulp (F. M. VAN DER) [Diptera of Central Sumatra.] *See* AMSTERDAM. — AARDRIJKSKUNDIG GENOOTSCHAP. Midden-Sumatra, *&c.* Deel IV, ged. I, afd. 9. 4⁰. [1886.]

Wulp (F. M. VAN DER) [Diptera of Central America.] *See* GODMAN (F. D.) & SALVIN (O.) Biologia Centrali-Americana. Zoology. Diptera. Vol. II. 4⁰. 1888-1903.

Wulp (F. M. VAN DER) La Société Entomologique Néerlandaise.—La Faune des Pays-Bas.—Les Insectes. —Les Arachnides. *See* PLEYTE (W.) *& others.* Guide Zoologique, *&c.* 8⁰. 1895.

Wulp (F. M. VAN DER) Catalogue of the described Diptera from South Asia, *&c. pp. [iii,] 219 [1].* 8⁰. *The Hague*, 1896.

WULVERHORST (A. H. VERSTER VAN) *See* VERSTER VAN WULVERHORST.

WUNDER (GUSTAV MARTIN) [1830-1885] Beobachtungen über die Bildung von Krystallen in Glasflüssen bei Behandlung derselben vor dem Löthrohr. *pp. 22 : 6 pls.* 4⁰. *Chemnitz*, 1870.
Progr. k. Höhern Gewerbschule Chemnitz.

WUNDERBAR (R. J.) Biblisch-Talmudische Medicin, oder Pragmatische Darstellung der Arzneikunde der alten Israeliten, sowohl in theoretischer als practischer Hinsicht, *&c.* 8 Abth. [in 1 Vol.] 8⁰. *Riga & Leipzig*, 1850-60.

WUNDERLICH (HEINRICH MARTIN FRANZ) [1854-] Beitrag zur Kenntniss der Kieselschiefer, Adinolen und Wetzschiefer des nordwestlichen Oberharzes. Inaugural-Dissertation, *&c. pp. 95.* 8⁰. *Leipzig*, 1880.

WUNDERLICH (LUDWIG) Beiträge zur vergleichenden Anatomie und Entwickelungsgeschichte des unteren Kehlkopfes der Vögel. *pp. 80 : 4 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XLVIII, no. 1. 4⁰. 1884 (1886).

Wunderlich (L.) Der Wechsel des Hornes bei *Rhinoceros unicornis*, L. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

WUNSCHMANN (ERNST) Ueber die Gattung *Nepenthes* besonders in Rücksicht auf ihre physiologische Eigenthümlichkeit. Inaugural-Dissertation, *&c. pp. 46.* 8⁰. *Berlin*, 1872.

Wunschmann (E.) Bentham und Boissier. Ein Beitrag zur Geschichte der Botanik. *pp. 34.* 4⁰. *Berlin*, 1887.
Wissensch. Beilage z. Progr. Charlottenschule Berlin.

Wunschmann (E.) [Sarraceniaceæ & Nepenthaceæ.] *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. III, abth. 2. 8⁰. 1891.

WUNSCHMANN (FRIEDRICH) [1803-1872] Leitfaden für den botanischen Unterricht, *&c. pp. iv, 83.* 8⁰. *Berlin*, 1851.

WUNSTORF (WILHELM) & **Fliegel** (G.) Die Geologie des Niederrheinischen Tieflandes. *pp. [i,] 172 : 5 pls. (1 col.), 2 maps geol. col., text illust. See* PRUSSIA. — *Koeniglich-Preussische Geologische Landesanstalt.* Abhandlungen, *&c.* Neue Folge, Hft. 67. 8⁰. 1910.

WURFFBAIN (FRIDERICUS SIGISMUNDUS) [1682-1710] Dissertatio inauguralis medico-botanica de Rubea tinctorum, vulgo Färber-Röthe dicta, *&c. pp. 28.* 4⁰. *Basileæ* [1707].

WURFFBAIN (JOHANNES PAULUS) [1655-1711] Salamandrologia, h.e. descriptio historico-philologico-philosophico-medica Salamandræ quæ vulgo in igne vivere creditur, *&c. pp. [vi,] 133 [14] : 5 pls., engr. title.* 4⁰. *Norimbergæ*, 1683.

WURM (FRANZ) [1845-] Ueber die Verbreitung einiger selteneren Nager in Nordböhmen. *pp. 17. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1894, no. 10. 8⁰. 1895.

WURSTEMBERGER (ARNOLD R. C. VON) Ueber Lias Epsilon. Inaugural-Dissertation, *&c. pp. 45.* 8⁰. *Stuttgart*, 1876.

WURTTEMBERG. — KOENIGLICH-WUERTTEMBERGISCHES STATISTISCHES LANDESAMT.
Erläuterungen zur Geologischen Spezialkarte des Königreichs Württemberg. Bl. 1→ 8⁰. *Stuttgart*, 1906→

Wurttemberg. — KOENIGLICH-WUERTTEMBERGISCHES STATISTISCHES LANDESAMT. [*Maps.*]
Geologische Spezialkarte des Königreichs Württemberg . . . Massstab = 1 : 25,000. Bl. 1→ *geol. col., Stuttgart*, 1905→

WURTTEMBERG. [*Maps.*] Geognostische Karte von Württemberg . . . bearbeitet im Maasstabe 1 : 450,000 [*i.e.* 1 in. = 7 m. about] . . . von H. Bach. *See* GERMANY. [*Maps.*] s.sh. 1882.

Wurttemberg. [*Maps.*] *See* also supra, KOENIGLICH-WUERTTEMBERGISCHES STATISTISCHES LANDESAMT.

WURTZ (CHARLES ADOLPHE) [1817-1884] *See* ANNALES DE CHIMIE ET DE PHYSIQUE . . . par . . . Wurtz. Sér. III, tom. XXXVII—Sér. VI, tom. III. 8⁰. 1853-84.

Wurtz (C. A.) Répertoire de Chimie pure . . . Par M. A. Wurtz, *&c.* Tom. I-IV. *See* PARIS.—SOCIÉTÉ CHIMIQUE. 8⁰. 1858-62.

Wurtz (C. A.) Dictionnaire de Chimie pure et appliquée, *&c.* Tom. I-III & Suppt. [in 7 Vol.] 8⁰. *Paris*, 1874 [-86].

—— Deuxième Supplément . . . publié sous la direction de C. Friedel, *&c.* 7 Tom. 8⁰. *Paris*, 1890-1908.

Wurtz (C. A.) Introduction à l'étude de la Chimie. *pp. v, 276 : text illust.* 8⁰. *Paris*, 1885.

WURZBURG.—*Botanischer Garten.*
See infra, KOENIGLICHE JULIUS-MAXIMILIANS UNIVERSITAET.

WURZBURG.—*Hofgarten.*
Pomona Franconica. Description des Arbres fruitiers . . . qui se cultivent maintenant au Jardin de la Cour de Wurzbourg, *&c.* FR. & GERM. 3 Tom. [in 4.] *illust. See* MAYER (J.) *of Wurzburg.* 4⁰. 1776-1801.

WURZBURG.—Koenigliche Julius-Maximilians-Universitaet. [Founded 1402.]
Festschrift zur dritten Säcularfeier der Alma Julia Maximiliana gewidmet von der Medicinischen Facultät Würzburg. 2 Bd. 4⁰. *Leipzig*, 1882.
Contains, *inter alia* :—
Bd. I, no. 1. Die Entwicklung der Keimblätter des Kaninchens. Von A. Kölliker.
" " " 5. Das Verhältniss der Fermentintoxication zur Septicämie. Von E. v. Bergmann und O. Angerer.
" " " 6. Zur Entwicklungsgeschichte des menschlichen Gehirns. Von W. Reubold.
" II, " 4. Zur Entwicklungsgeschichte des Kopfskeletes der Teleostier. Von P. Stöhr.

Wurzburg.—K. Julius-Maximilians-Universität. —*Botanischer Garten.*
Der Botanische Garten der Universität zu Würzburg. *See* SCHENK (A. VON). 8⁰. 1860.

Wurzburg.—K. Julius-Maximilians-Universität. —*Botanisches Institut.*
Arbeiten des . . . Instituts . . . herausgegeben von . . . J. Sachs. Bd. I–III. 8⁰. *Leipzig*, (1871–) 1874–88.

Wurzburg.—K. Julius-Maximilians-Universität. —*Zoologisch-Zootomisches Institut.*
Berichte von der . . . Anstalt . . . von . . . C. F. Heusinger. Erster Bericht . . . 1824–25. *pp. 55 : 2 plans, 2 pls., text illust.* 4⁰. *Würzburg*, 1826.

—— Zweiter Bericht . . . 1847–48, von . . . A. Kölliker. *pp. 92 : 5 pls. (col.)* 4⁰. *Leipzig*, 1849.

Wurzburg.—K. Julius-Maximilians-Universität. —*Zoologisch-Zootomisches Institut.*
Arbeiten aus dem . . . Institut . . . Herausgegeben von . . . C. Semper (und . . . A. Schuberg). Bd. I–X.† 8⁰. *Wurzburg (& Wiesbaden)*, 1874–95.

WURZBURG.—Physikalisch-medicinische Gesellschaft. [Founded 1849.]
Verhandlungen (Sitzungsberichte—Jahresberichte), *&c.* Bd. I–X. 8⁰. *Erlangen & Würzburg*, 1850–60.
Vol. I & II only were published at Erlangen.
[*Continued as :*]
Würzburger naturwissenschaftliche Zeitschrift (Sitzungsberichte—Jahresberichte), *&c.* Bd. I–VI. 8⁰. *Würzburg*, 1860–67.
[*Continued as :*]
Verhandlungen (Sitzungsberichte—Jahresberichte), *&c.* Neue Folge, Bd. I→ 8⁰. *Würzburg*, (1868–) 1869→
In Vol. XVI→ each paper bears a separate pagination in addition to that of the volume.
After 1880 the Sitzungsberichte were issued as a separate publication [*q.v.* infra].

Wurzburg.—Physik.-medicinische Gesellschaft.
Sitzungsberichte, *&c.* Jahrg. 1881→ 8⁰. *Würzburg*, 1881→
From 1869–1880 these proceedings were published in the "Würzburger Naturwissenschaftliche Zeitschrift" and the "Verhandlungen" of the Society [*q.v.* supra].

Wurzburg.—Physik.-medicinische Gesellschaft.
Die Pennatulide *Umbellula* und zwei neue Typen der Alcyonarien. Von A. Kölliker. Festschrift zur Feier des fünfundzwanzigjährigen Bestehens der . . . Gesellschaft. *pp. 23 : 2 photo. pls.* 4⁰. *Würzburg*, 1875.

Wurzburg.—Physik.-medicinische Gesellschaft.
Festschrift zur Feier ihres fünfzigjährigen Bestehens, herausgegeben von der . . . Gesellschaft, *&c.* *pp. 228 : 12 pls., text illust.* 4⁰. *Würzburg*, 1899.

WUSTENFELD (JOHANNES BALTHASAR) Dissertatio medica de Viola martia purpurea, quam . . . submittit J. B. Wustenfeld, *&c.* *See* HENNINGERUS (J. S.) 4⁰. [1718.]

WYATT ( ) *Captain.* The Voyage of R. Dudley . . . to the West Indies, 1594–1595, narrated by Capt. Wyatt, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* Ser. II, no. 3. 8⁰. 1900.

WYATT (CLAUDE WILMOTT) [1842–1900] & **Sharpe** (R. B.) A Monograph of the Hirundinidæ, *&c.* 2 Vol. *See* SHARPE (R. B.) & WYATT (C. W.) 4⁰. 1885–94.

WYATT (FRANCIS) The Phosphates of America. Where and how they occur . . . Fifth . . . edition. *pp. [viii,] 191 : 21 pls., 1 map, text illust.* 8⁰. *New York & London*, 1894.
The first edition appeared in 1891.

WYATT (JAMES) Flint Implements in the Drift. Was Man amongst the Mammoths? *pp. 16.* 8⁰. *Bedford*, 1860.
Reprinted from the "Bedford Times."

Wyatt (J.) On the Flint Implements in the Drift, discovered near Bedford. *pp. 17 : 3 pls., text illust.* 8⁰. *Bedford* [1861].
Trans. Bedfordsh. Architect. & Archæol. Soc.

—— [Another edition entitled :] Flint Implements in the Drift. Notice of discoveries in the neighbourhood of Bedford. *pp. 23 : 5 pls., text illust.* 8⁰. *Bedford*, 1862.

WYATT (W.) & **Thornton** (C. G.) Flora Repandunensis. The Wild Flowers of Repton [by W. Wyatt and C. G. Thornton], with a list of : I. The Birds [by A. O. Worthington]. II. The Moths and Butterflies [by F. Spilsbury] found in Repton and the neighbourhood. *pp. vi, 98 : 1 pl., 1 map.* 8⁰. *London*, 1866.
Wanting the map.

—— [Second edition entitled :] Contributions to the Flora and Fauna of Repton and neighbourhood. [Edited by W. Garneys.] *pp. viii, 186 : 1 pl., 1 map.* 8⁰. *London*, 1881.
In this edition the Flora was revised by H. Lewis and the editor, the list of Lepidoptera augmented by P. B. Mason, while the following new sections appear :—"Mosses" and "Mollusca" by J. Hagger and W. Garneys ; "Coleoptera" by W. Garneys.

WYATT (WILLIAM) Some account of the manners and superstitions of the Adelaide and Encounter Bay Aboriginal Tribes, with a vocabulary of their languages, names of persons and places, &c., principally extracted from his official reports by W. Wyatt. *See* TAPLIN (G.) The native tribes of South Australia, *&c.* 8⁰. 1879.

WYBURD (HENRY) An introduction to the Linnæan Classification of Plants . . . to which is added a glossary, and the Latin terms of Linnæus with the corresponding English words. *pp. iv, 94 : 21 pls.* 12⁰. *London*, 1810.

WYCLIFFE MUSEUM, The.
See NATURAL HISTORY SOCIETY OF NORTHUMBERLAND, DURHAM, AND NEWCASTLE-UPON-TYNE.

WYDER (J. FRANÇOIS) [1775 ?–1831 ?] Essai sur l'histoire naturelle des Serpens de la Suisse. *pp. 90 : 2 pls. col.* 8⁰. *Lausanne*, 1823.

WYDLER (HEINRICH) [1800–1883] Essai monographique sur le genre *Scrofularia.* *pp. 50 : 5 pls.* 4⁰. *Genève*, 1828.

WYE, Kent.—South Eastern Agricultural College. [Founded 1893–94.]
The Journal, *&c.* No. 1, 9–17. *illust.* 4⁰. *Ashford, Kent*, 1895–1908.

WYLD (JAMES) [1812–1887] Map of Burmah and the surrounding countries, *&c.* [Scale 1 in. = 31 m.] *See* BURMA. [*Maps.*] 1886.

WYLEY (ANDREW) Provisional report upon the nature and general character of the Copper districts of South Namaqualand. *See* CAPE COLONY. fol. 1856.

Wyley (A.) Report upon the mineral and geological structure of South Namaqualand and the adjoining mineral districts. *See* CAPE COLONY. fol. 1857.

WYLIE ( ) Wylie's Table of Natural Orders . . . Second edition (Chief Characters of 26 Natural Orders). s.sh. *folded in case* [ ].

WYMAN (JEFFRIES) [1814–1874] On the geological position of the *Castoroides Ohioensis*, by J. Hall. Also a description of the cranium of the same, by J. Wyman. *See* HALL (J.) *Geologist.* fol. 1846.

Wyman (J.) A description of the characters and habits of *Troglodytes gorilla*. By T. S. Savage . . . and of the osteology of the same, by J. Wyman. *See* SAVAGE (T. S.) 4⁰. 1847.

Wyman (J.) Anatomy of the nervous system of *Rana pipiens*. *pp. 51 : 2 pls., text illust. See* SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. Vol. v, no. 4. 4⁰. 1853.

Wyman (J.) Description of a portion of the lower jaw and a tooth of the *Mastodon Andium* ; also, of a tooth and fragment of the femur of a Mastodon from Chile. *See* UNITED STATES. The U. S. Naval Astronomical Expedition, *&c.* Vol. II, appendix H. Palæontology. 4⁰. 1855.

Wyman (J.) Description of the interior of the cranium of *Mastodon giganteus*. *See* WARREN (J. C.) Description of a skeleton of the *Mastodon giganteus*, *&c.* Second edition. Appendix H. 4⁰. 1855.

Wyman (J.) Observations upon the remains of extinct and existing species of Mammalia found in the crevices of the Lead-bearing rocks, and in the superficial accumulations within the Lead region of Wisconsin, Iowa and Illinois. *See* WISCONSIN, *State of.—Geological Survey.* Report, *&c.* Vol. I. 8⁰. 1862.

Wyman (J.) An Account of some of the Kjœkkenmœddings, or Shell-heaps, in Maine and Massachusetts. *pp. 26 : 2 pls., text illust.* 8⁰. *Salem, Mass.*, 1867.
American Naturalist. Vol. I, 1868.

Wyman (J.) An Account of the Fresh-water Shell-heaps of the St. Johns River, east Florida. 8⁰. *Salem, Mass.*, 1868.
American Naturalist. Vol. II, 1869.

Wyman (J.) J. Wyman. Memorial Meeting . . . 1874. *See* BOSTON SOCIETY OF NATURAL HISTORY. 8⁰. 1874.

Wyman (J.) Fresh-water Shell Mounds of the St. John's River, Florida. *pp. viii, 94 : 9 pls., 1 map. See* PEABODY ACADEMY OF SCIENCE. Memoirs, *&c.* Vol. I, no. 4. 4⁰. 1875.

Wyman (J.) Memoir of J. Wyman, 1814–74. (List of Scientific Papers and Works.) *See* PACKARD (A. S.) 8⁰. 1878.

WYNDHAM (T. HEATHCOTE) The recent eruption of Vesuvius. fol. [*Oxford*, 1872.]
The Oxford Undergraduates' Journal. Dec. 5, 1872.

WYNNE (ARTHUR BEAVOR) [1835–1906] [For official publications in connection with memoirs illustrating the Map] *See* GREAT BRITAIN & IRELAND.—*Geological Survey : Ireland.*

WYOMING HISTORICAL AND GEOLOGICAL SOCIETY. [Founded 1858.]
Publication No. 5. List of Palæozoic Fossil Insects of the United States and Canada, *&c.* *See* LACOE (R. D.) 8⁰. 1883.

WYROUBOFF (GRÉGOIRE NICOLAIÉWITSCH) [1843–1913] Recherches sur la structure des corps cristallisés doués du pouvoir rotatoire . . . Recherches sur la composition et la forme de quelques nouveaux tartrates. *pp. 112 : 1 pl.* 8⁰. *Paris*, 1886.
Thesis.

Wyrouboff (G. N.) Manuel pratique de Cristallographie. *pp. xii, 344 : 6 pls.* 8⁰. *Paris*, 1889.

WYRUBOFF (GRIGORJ NIKOLAJEWITSCH) *See* WYROUBOFF.

WYSSOTSKY & **WYSSOTZKY** } *See* VUISOTZKIĬ (N. K.)

WYTSMAN (PHILOGÈNE AUGUSTE GALILÉE) [1866–] Genera Insectorum publiés par P. Wytsman. Fasc. I→ *illust.* 4⁰. [*Brussels*] 1902→
Each Family forms a separately-paged monograph by an independent author.

Wytsman (P. A. G.) Lepidoptera Rhopalocera. Fam. Papilionidæ : subfam. Leptocircinæ. *pp. 3 : 1 pl. See* supra, Genera Insectorum. Lepidoptera. Fasc. 4. 4⁰. 1902.

Wytsman (P. A. G.) Genera Avium. Edited by P. Wytsman, *&c.* Pt. 1→ *illust.* 4⁰. *Brussels*, 1905→
Each Family forms a separately-paged monograph by an independent author.

Wytsman (P. A. G.) Fam. Todidæ. *pp. 4 : 1 pl. col. See* supra, Genera Avium, *&c.* Pt. 2. Picariæ. 4⁰. 1905.

Wytsman (P. A. G.) & **Janet** (A.) Lepidoptera Heterocera. Fam. Epicopiidæ. *pp. 5 : 2 pls. (col.) See* WYTSMAN (P. A. G.) Genera Insectorum. Lepidoptera. Fasc. 16. 4⁰. 1903.

WYTTENBACH (JACOB SAMUEL) [1748–1830] A. von Haller Icones Plantarum Helvetiæ, ex ipsius Historia stirpium Helveticarum denuo recusæ . . . Additis notis editoris (J. S. Wyttenbach). *See* HALLER (A. VON). fol. 1795.

WYŻYCKI (JÓZEF GERALD) Zielnik ekonomiczno-techniczny, czyli opisanie Drzew, krzewów i Roślin dziko rosnących w kraju, jako też przyswojonych, z pokazaniem użytku, *&c.* [Economico-technical Herbal, or description of the Trees, Shrubs and Plants growing wild or cultivated in the country, with an exposition of their uses, *&c.*] 2 Tom. [in 1.] 4⁰. *Wilno*, 1845.

XAMBEU (VINCENT) Mœurs et métamorphoses d'Insectes . . . 2ᵐᵉ (6ᵐᵉ, 8ᵐᵉ) Mémoire. Coleoptères. 3 Pt. *See* ÉCHANGE, L', *&c.* Ann. VIII–XVI [with which they were issued]. 8⁰. 1892–1900.
The 1st, 5th, 7th, 10th and later memoirs were published in the "Ann. Soc. Linn. Lyon" (Tom. XXXVIII→ 1891→), the 3rd and 9th in the "Rev. Entom." (Tom. XI, XVII, XIX & XX), and the 4th in the "Ann. Soc. Ent. France" (1894).

XANTUS (JÁNOS) [1825–1894] Prodromus Piscium Asiæ Orientalis a . . . J. Xantus . . . 1868–70 collectorum, *&c.* *See* KÁROLI (J.) 8⁰. 1882.

XATART (B.) [–1846] Correspondances scientifiques inédites, *&c.* *See* ROUMEGUÈRE (C.) Nouveaux documents, *&c.* 8⁰. 1876.

XENOCRATES. Xenocratis de Alimento ex aquatilibus animantium libellus, Græce nunc primum editus, imperfectus. Idem Latine perfectior, J. B. Rasario . . . interprete. Accedunt C. Gesneri scholia, in ea Xenocratis quę Greçe hic damus, *&c.* *See* DUBRAVIUS (J.) J. Dubravii . . . De Piscinis et Pisciũ qui in eis aluntur naturis libri quinque. 4⁰. 1559.

XENOPHON, *the Younger.* *See* ARRIAN (F.)

XERES (FRANCISCO DE) [fl. 1530–1534] Reports on the Discovery of Peru. I. Report of F. de Xeres, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 47. 8⁰. 1872.

XIVREY (JULES BERGER DE) *See* BERGER DE XIVREY.

XUAREZ (GASPAR) [–1804] & **Gilii** (F. L.) Osservazioni Fitologiche sopra alcune Piante esotiche introdotte in Roma, *&c.* *See* GILII (F. L.) & XUAREZ (G.) 4⁰. 1789.

Y., B. C. The remote antiquity of Man not proven; Primeval Man not a Savage. *pp. vi, 191.* 8⁰. *London* (1882).

Y., J. Notes on the genus *Lingula*, and its occurrence in Carboniferous Strata around Glasgow. [Signed J. Y., *i.e.* JOHN YOUNG, M.D., *&c.*] 8⁰. *Glasgow*, 1863.
The College Miscellany. No. 7, *pp. 97-101.*

YABE (HISAKATSU) Cretaceous Cephalopoda from the Hokkaidō. 2 Pt. *illust.* *See* TOKIO. — TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVIII, no. 2; XX, no. 2. 8⁰. 1903, 04.

Yabe (H.) Mesozoic Plants from Korea. *pp. 59 : 4 pls., text illust.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XX, no. 8. 4⁰. 1905.

Yabe (H.) A contribution to the genus *Fusulina*, with notes on a *Fusulina*-Limestone from Korea. *pp. 36 : 3 pls., text illust.* *See* TOKIO. — TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXI, no. 5. 4⁰. 1906.

Yabe (H.) On the occurrence of the genus *Gigantopteris* in Korea. *pp. 8 : 1 pl.* *See* TOKIO. — TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXIII, no. 9. 4⁰. 1908.

YABE (Y.) Revisio Umbelliferarum Japonicarum. *pp. 108 : 3 pls.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVI, no. 4. 4⁰. 1902.

YAḤYÁ IBN MÁSAWAIH (MASÚYAH or **MASWIYAH)**
See YÚḤANNÁ IBN MÁSAWAIH.

YAḤYÁ IBN MUḤAMMAD IBN AḤMAD IBN AL 'AWÁMM (ABÚ ZAKARIYÁ) *Al Abishili.* Le livre de l' Agriculture d' Ibn-Al-Awam . . . Traduit de l' Arabe par J. J. Clément-Mullet. 2 Tom. *Paris*, 1864–66.

YAKHONTOV (GH.) Soobshchenie ob ékskursii na oz. Baïkal sovershennoĭ lyetom 1902 ghoda.—Communication de l' excursion sur le lac Baical, faite en été de l' année 1902. *pp. 11.* *See* KAZAN. — OBSHCHESTVO ESTESTVOĬSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 212. 8⁰. 1904.

YAKOBIĬ (ARKADIĬ ĪVANOVĪCH) *Fidonia piniaria*, L., v stolbīshchenskoĭ lyesnoĭ dachye prī derevnye borovoe Matyushīno Kazanskagho uyezda. [*Fidonia piniaria*, L., in the wooden pillars of the huts of the villages in the Matyushino pine-forest in the Kazan district.] *pp. 18.* *See* KAZAN.—OBSHCHESTVO ESTESTVOĬSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXI, vuip. 3. 8⁰. 1889.

Yakobiĭ (A. Ī.) Materialui k īstoriī razvītiya rīsunka kruila Babochek.—Ueber die Entwickelung der Zeichnung an den Schmetterlingsflügeln. *pp. 13.* *See* KAZAN. —OBSHCHESTVO ESTESTVOĬSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1888–89. Prīlozheniya, no. 110. 8⁰. 1889.

Yakobiĭ (A. Ī.) Kanīnskaya Tundra. — Bericht über eine Reise in die Tundra der Halbinsel Kanin im Sommer 1890. *pp. 79 : 1 map.* *See* KAZAN.—OBSHCHESTVO ESTESTVOĬSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXIII. [No. 1.] 8⁰. 1891.

YAKOBSON (GHEORGHIĬ GHEORGHIEVĪCH) & **Bianki** (V. L.) Pryamokruiluiya ī Lozhnosyetchatokruiluiya Rossiĭskom imperiī ī sopredyel'nuikh stran. Sostavleno Gh. Gh. Yakobsonom ī V. L. Bianki . . . po . . . R. Tümpel'yu, Die Geradflügler Mitteleuropas. [Orthoptera & Pseudo-Neuroptera of the Russian Empire & adjoining countries. Compiled, by G. G. Jacobson and V. L. Bianki, from R. Tümpel's "Die Geradflügler Mitteleuropas."] *pp. v* [*ii,*] *x* [*i,*] *952 : 25 pls. (col.), text illust.* 4⁰. *S. Peterburgh*, 1902–05.

Yakobson (GH. GH.) & **others.** Beiträge zur Coleopteren-Fauna des äussersten Nordens von Sibirien. *pp. 66 : 1 pl. col.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XVIII, no. 9. 4⁰. 1910.

YAKOVLEV (ALEKSANDR IVANOVĪCH) *See* RUSSKOE ENTOMOLOGHĪCHESKOE OBOZRYENIE, *&c.*—Revue Russe d' Entomologie. Rédigée par . . . A. Jakowlew, *&c.* Tom. I–V. 8⁰. 1901–05.

YAKOVLEV (NĪKOLAĬ NĪKOLAEVĪCH) [1870–] Fauna nyekotoruikh Verkhnepaleozoĭskikh otlozheniĭ Rossii. —Die Fauna einiger oberpalæozoischer Ablagerungen Russlands. *pp. 140 : 5 pls.* *See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Vol. XV, no. 3. 4⁰. 1899.

Yakovlev (N. N.) Fauna verkhneĭ chastī Paleozoĭskikh otlozheniĭ v Donetzkom basseĭnye. — Die Fauna der oberen Abtheilung der palaeozoischen Ablagerungen im Donez-Bassin. 3 Pt. *illust.* *See* RUSSIA.—*Comité Géologique, &c.* Trudui, *&c.* Nouvelle Série, Livr. 4, 12 & 79. 4⁰. 1903, 12.

Yakovlev (N. N.) Paleozoĭ Īzyumskagho uyezda Khar'kovskoĭ ghuberniī. — Das Palaeozoicum im Isjumer Kreise des Gouvernements Charkow. *pp.* [*iv,*] *29 : 1 map, text illust.* *See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouvelle Série, Livr. 42. 4⁰. 1908.

Yakovlev (N. N.) Prīkryeplenie Brakhiopod kak osnova vīdov ī rodov.—Die Anheftung der Brachiopoden als Grundlage der Gattungen und Arten. *pp. 32 : 2 pls., text illust.* *See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouvelle Série, Livr. 48. 4⁰. 1908.

Yakovlev (N. N.) O proīskhozhdeniī kharakternuikh osobennosteĭ Rugosa. — Die Entstehung der charakteristischen Eigentümlichkeiten der Korallen Rugosa. *pp. 16 : 1 pl., text illust.* *See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Nouvelle Série, Livr. 66. 4⁰. 1910.

YAKOVLEV (VASĪLIĬ EVGHRAFOVĪCH) [1839–] Spisok Ruib poryadka Teleostei vstryechayushchīkhsya v ust'yakh Volghī. [List of Teleostean Fish found at the mouth of the Volga.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĬSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. I. [Pt. 2.] 4⁰. 1871.

YAKUBOV (L.) Polyclada Sebastopol'skoĭ Bukhtui. *pp. 31 : 1 pl.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom XXIV, no. 2. 4⁰. 1909.

YALDEN (THOMAS) [fl. 1750–1774] [Autograph descriptions of Plants and Animals, chiefly Scottish. *pp. 126.*] 8⁰. [ ]

YALE COLLEGE.
See NEW HAVEN, *Connecticut.*—YALE UNIVERSITY.

YALE UNIVERSITY.
See NEW HAVEN, *Connecticut.*

YALE (CHARLES G.) Bulletin . . . showing by counties the Mineral productions of California for . . . 1894 (1895–99). *See* CALIFORNIA, *State of.*—STATE MINING BUREAU. Bulletin, *&c.* No. 7, 8, 12–14 & 17. s.sh. [1895 ?–] 1896–99.

YANAGAWA (SHIN) [On the Laminaria Industries of Hokkaido. (In Japanese.)] *See* YESSO. — *Hokukaidochō Shokuminbu Suisanka.* Hokukaido Suisan chōsa hōkuku. Vol. III. 4⁰. [1902.]

YANĪSHEVSKIĬ (DMĪTRIĬ ERASTOVĪCH) Materialui dlya Florui Buzulukskagho uyezda, Samarskoĭ ghuberniĭ.—Materialien zur Flora des Kreises Busuluk im Gouvernement Samara. *pp. 56. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXII, vuip. 2. 8⁰. 1898.

Yanīshevskiĭ (D. E.) Tzvyetkovuiya Rasteniya, sobrannuiya Gh. V. Shtanghe vo vremya poyezdkī v Turghaĭskuyu Oblast. [Flowering Plants, collected by G. V. Shtanghe during an excursion to the Turgaiski district.] *pp. 15. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 218. 8⁰. 1904.

Yanīshevskiĭ (D. E.) *Jurinea Kirghisorum*, sp. nov. *pp. 16 : 1 pl. See* ST. PETERSBURG.—SANKT-PETERBURGHSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XL, vuip. 1. 8⁰. 1905.

Yanīshevskiĭ (D. E.) O prorostkakh *Rheum leucorhizum*, Pall., ī *R. undulatum*, L.—Ueber die Keimlinge von *Rheum leucorhizum*, Pall., und *R. undulatum*, L. *pp. 18 : 1 pl. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XLII, vuip. 4. 8⁰. 1910.

YANĪSHEVSKIĬ (MĪKHAĪL ÉRASTOVĪCH) [1871–] K īzucheniyu gheologhīcheskagho stroeniya Volzhsko-Donskogho vodorazdyela mezhdu Tzarītzuinom ī Kalachom.—Zur Kenntniss des geologischen Baues der Wolga-Donwasserscheide zwischen Zarizin und Kalatch. *pp. 28 : 1 pl. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXX, vuip. 4. 8⁰. 1896.

Yanīshevskiĭ (M. É.) Kratkiĭ otchet o poyezdkye na Ural v 1897 ghodu.—Ueber die Excursion nach Ural im Jahre 1897. *pp. 11.* [RUSS. *with* GERM. *abstr.*] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 177. 8⁰. 1899.

Yanīshevskiĭ (M. É.) Fauna Kamennoughol'nagho īzvestnyaka, vuistupayushchagho po R. Shartui mkye na vostochnom sklonye Urala.—Die Fauna des Carbonkalks im Gebiete des Flusses Schartymka am östlichen Abfalle des Urals. *pp. 398, x [iv,] iv : 7 pls., 1 map.* [RUSS. *with* GERM. *abstr.*] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXIV, vuip. 5. 8⁰. 1900.

Yanīshevskiĭ (M. É.) Kel'tmīnskaya dacha naslyednīkov ghrafa A. P. Shuvalova v Cherduinskom uyezdye Permskoĭ ghub.—Forstbesitzung am Flusse Keltma, den Erben des Gr. A. P. Schuwaloff gehöhrend [*sic*], im Gscherdjn-Kreise des Permischen Gouvernements. (Oro-hydro-geologische Uebersicht.) *pp. 25.* [RUSS. *with* GERM. *abstr.*] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXVI, vuip. 4. 8⁰. 1902.

Yanīshevskiĭ (M. É.) Zamyetka o ghlīnīstuikh slantzakh, vuistupayushchīkh po r. Tomī, okolo gh. Tomska.—Note sur les Schistes argileux, qui se trouvent à la rivière Tome, près Tomsk. *pp. 5. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 220. 8⁰. 1904.

Yanīshevskiĭ (M. É.) Predvarītel'nuiĭ otchet o gheologhīcheskikh īzslyedovaniyakh v yuzhnom Uralye. [Preliminary report on the Geological exploration of the southern Urals.] *pp. 17. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 225. 8⁰. 1904.

YARKAND MISSION. Scientific Results of the second Yarkand Mission, *&c.* 14 Pt. *See* INDIA. fol. 1878–91.

YARMOUTH, Great.—Free Libraries and Museum. [Founded 1886.]
Annual Report of the . . . Committee, *&c.* No. 27→ 8⁰. *Great Yarmouth* [1913→].

YAROSHEVSKIĬ (VASĪLIĬ ALEKSYEEVĪCH) [1841–] Zamyetka o [Observations on] *Pyrrhocoris apterus*, Lin. *pp. 5 : 1 pl. See* KHARKOV.—OBSHCHESTVO ĪSPUITATELEI PRĪRODUI, *&c.* Trudui, *&c.* Tom. I, no. 5. 4⁰. 1870.

YAROSLAVTZEV (A.) Zamyetka o rastīghel'nostī v okrestnostyakh gh. Kanska Enīseĭskoĭ ghuberniī.—Notiz über die Vegetation der Umgebungen von Kansk im Gouv. Jenisseisk. *pp. 9. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui Zasyedaniĭ, *&c.* Prīlozheniya, no. 207. 8⁰. 1904.

YARRELL (WILLIAM) [1784–1856] Observations on the Tapir, *&c.* *See* MAW (H. L.) Journal of a passage from the Pacific to the Atlantic, *&c.* Appendix. 8⁰. 1829.

Yarrell (W.) A History of British Fishes. 2 Vol. *illust.* 8⁰. *London*, [1835–] 1836.
Interleaved copy with manuscript notes and additions by J. Couch. Issued in 19 parts, of which the first was published before April 1835 and the 7th by Oct. 1835, whilst the 13th was issued by March and the last by Sept. 1836.

—— Second edition. 2 Vol. *illust.* 8⁰. *London*, 1841.

—— Third edition, edited by Sir J. Richardson. 2 Vol. *illust.* 8⁰. *London*, 1859.

Yarrell (W.) A History of British Birds. 3 Vol. *illust.* 8⁰. *London*, 1837–1843.
A copy with the original wrappers is kept in the Zoological Department Library.

—— Supplement, *&c.* *pp. 71 : text illust.* 8⁰. *London*, 1845.

—— Second edition, *&c.* 3 Vol. *illust.* 8⁰. *London*, 1845.

—— Third edition, *&c.* 3 Vol. *illust.* 8⁰. *London*, 1856.

—— Fourth edition . . . revised and enlarged by A. Newton (. . . continued by H. Saunders). 4 Vol. *illust.* 8⁰. *London*, 1871–85.

Yarrell (W.) On the growth of the Salmon in fresh water . . with . . . illustrations . . . exhibiting its . . . exact appearance at various stages during the first two years. *pp. 3 : 3 pls. col., text illust.* obl. 4⁰. *London*, 1839.

YARROW (HENRY CRÉCY) [1840–] Notes upon geographical distribution and variation with regard to the Zoölogy of the Western United States, as relates more particularly to Mammals and Birds.—Report upon the collections of Batrachians and Reptiles made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during the years 1871–74.—Report upon the collections of terrestrial and fluviatile Mollusca made in portions of Colorado, Utah, New Mexico, and Arizona during the years 1872–74. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. V. 4⁰. 1875.

Yarrow (H. C.) Check List of North American Reptilia and Batrachia, with catalogue of specimens in U.S. National Museum. *pp. 249. See* UNITED STATES NATIONAL MUSEUM. Bulletin, *&c.* No. 24. 8⁰. 1882 (1883).

Yarrow (H. C.) & **Cope** (E. D.) Report upon the Collections of Fishes made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during . . . 1871–74. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v. 4⁰. 1875.

Yarrow (H. C.) & **Coues** (E.) Report upon the collections of Mammals made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during . . . 1871–74. *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report, *&c.* Vol. v. 8⁰. 1875.

Yarrow (H. C.) & **Henshaw** (H. W.) Report upon and List of Birds collected [in Utah and Nevada] . . . in 1872, *&c.* *See* UNITED STATES.—*Geographical and Geological Explorations and Surveys West of the One Hundredth Meridian.* Report upon the Ornithological Specimens collected in . . . 1871–73. 8⁰. 1874.

YARZA Y TORRE (RAMÓN ADÁN DE) *See* ADÁN DE YARZA Y TORRE.

YASHCHENKO (ALEKSANDR) Brītanskiĭ Estestvennoĭstorīcheskiĭ Muzeĭ ī drughiya zoologhīcheskiya uchrezhdeniya zapadnoĭ Evropui. [The British Natural History Museum and other zoological Institutions of the West of Europe.] *pp. 118.* 8⁰. *S.-Peterburgh*, 1894.
Trav. Soc. Nats. St. Pétersbourg. Sect. Zool. & Physiol. Vol. XXIV.

YASUDA (ATSUSHI) On the comparative anatomy of the Cucurbitaceæ, wild and cultivated, in Japan. *pp. 56 : 5 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVIII, no. 4. 4⁰. 1903.

YATABE (RYŌKICHI) [-1899] Nihon Shokubutsu mei-i, *&c.*—Nippon Shokubutsumeii . . . supervised by R. Yatabe. *See* MATSUMURA (J.) 8⁰. 1884.

Yatabe (R.) Nihon Shokubutsu dzukai. Iconographia Floræ Japonicæ ; or descriptions with figures of Plants indigenous to Japan. Vol. I, pt. 1–3.† *pp. 252 : 60 pls.* 4⁰. *Tōkyō*, 1891–93.
Japanese and English.

Yatabe (R.) Lichenes Yatabeani, in Japonia lecti et a . . . Yatabe missi, *&c.* *See* MUELLER (J.) *Argoviensis.* 8⁰. [1892.]

YATE (WILLIAM) An account of New Zealand . . Second edition. *pp. [viii,] 310 [10] : 9 pls. (1 col.), 1 port., 1 map.* 8⁰. *London*, 1835.
The first edition appeared earlier in the same year.
Appendix : Catalogue of Shells collected on the east coast of New Zealand. By J. E. Gray.

YATES (JAMES) [1789–1871] Textrinum Antiquorum. An account of the Art of Weaving among the Ancients. Pt. I. On the raw materials used for weaving. With an Appendix . . . on Pliny's Natural History, *&c.* *pp. xvi, 472 : 16 pls., text illust.* 8⁰. *London*, 1843.

YATES (LORENZO GORDIN) [1837 -] Catalogue of Ferns of North America in L. G. Yates' Collection, Santa Barbara, Cal. Being a full list of all the known species found in the United States and British America. *pp. 8.* 8⁰. *Santa Barbara, Cal.*, 1886.

Yates (L. G.) Catalogue of fossils in L. G. Yates' Collection, Santa Barbara, Cal. *pp. 37.* 8⁰. *Santa Barbara, Cal.*, 1886.

Yates (L. G.) Catalogue of Minerals in L. G. Yates' Collection, Santa Barbara, Cal. *pp. 71.* 8⁰. *Santa Barbara, Cal.*, 1886.

Yates (L. G.) The Ferns of Ceylon . . . With extracts from manuscript notes of the late Dr. Thwaites, and the published works of Hooker, Baker and Wall. *pp. 33.* 8⁰. *Santa Barbara, Cal.*, 1887.

Yates (L. G.) Notes on Hawaiian Ferns, compiled from the works of Hooker, Baker, Bailey and others. *pp. 15.* 8⁰. *Santa Barbara, Cal.*, 1887.

Yates (L. G.) Stray notes on the Geology of the Channel Islands.—The Mollusca of the Channel Islands of California.—Insular Floras. *See* CALIFORNIA, *State of.—State Mining Bureau.* Ninth Annual Report, *&c.* 8⁰. 1890.

YATSU (NAOHIDE) Experiments on cleavage in the Egg of *Cerebratulus. pp. 19 : text illust. See* TOKIO. —TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXVII, no. 10. 8⁰. 1910.

Yatsu (N.) Experiments on germinal localization in the Egg of *Cerebratulus. pp. 37 : text illust. See* TOKIO. —TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXVII, no. 17. 8⁰. 1910.

Yatsu (N.) Observations and experiments on the Ctenophore Egg. I. The structure of the Egg and experiments on cell-division. *pp. 21 . 5 pls. See* TOKIO. —TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXXII, no. 3. 8⁰. 1912.

YAUVILLE (D') Traité de Vénerie. *pp. xii, 415 : 41.* 4⁰. *Paris*, 1788.

YEAR-BOOK OF SCIENCE, The. Edited . . . by Prof. T. G. Bonney. 1891–92.† 2 Vol. 8⁰. *London*, 1892–93.

YEAR-BOOK OF THE SCIENTIFIC AND LEARNED SOCIETIES of Great Britain & Ireland, *&c.* Annual issue. No. I→ 8⁰. *London*, 1884→

YEATES (THOMAS PATTINSON) [-1782] Institutions of Entomology : being a translation of Linnæus's Ordines et genera Insectorum [in the "Systema Naturæ . . . editio duodecima reformata] . . . together with observations of the translator. *See* LINNÆUS (C.) [*Systema Naturæ.*] 8⁰. 1773.

YEATES (WILLIAM SMITH) [1856-] [For official reports as State Geologist] *See* GEORGIA, *State of.—Geological Survey.*

Yeates (W. S.) & **others.** A Preliminary Report on a part of the Gold deposits of Georgia, by W. S. Yeates . . . S. W. McCallie and F. P. King. *pp. 542 : 21 pls., 7 maps (col.), text illust. See* GEORGIA, *State of.—Geological Survey.* Bulletin No. 4A. 8⁰. 1896.

YEKATERINBURG. *See* EKATERINBURG.

YELLOWSTONE PARK. [*Maps.*] Map of the sources of Snake River . . . with portions of the headwaters of the . . . Yellowstone . . . Scale 5 m. = 1 in. *See* UNITED STATES.—*Geological & Geographical Survey of the Territories.* [*Maps.*] s.sh. [1872.]

YENDO (KICHISABURO) Corallinæ veræ Japonicæ. *pp. 36 [2] : 7 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVI, no. 3. 4⁰. 1902.

Yendo (K.) Uses of Marine Algæ in Japan.—The distribution of Marine Algæ in Japan. *See* ST. PAUL, *Minnesota.*—MINNESOTA SEASIDE STATION. Postelsia : the Year-Book of the . . . Station. 1901. 8⁰. 1902.

Yendo (K.) Study of the genicula of Corallinæ. *pp. 44 : 1 pl. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XIX, no. 14. 4⁰. 1904.

Yendo (K.) A revised List of Corallinæ. *pp. 46. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XX, no. 12. 4⁰. 1905.

Yendo (K.) The Fucaceæ of Japan. *pp. 174, 1 tab. : 18 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXI, no. 12. 4⁰. 1907.

Yendo (K.) & **Gran** (H. H.) Japanese Diatoms. I. On *Chætoceras.* II. On *Stephanopyxis. pp. 29 : text illust. See* CHRISTIANIA.—VIDENSKABS-SELSKABET. Skrifter, *&c.* 1913, no. 8. 8⁰. 1914.

YERKES (ROBERT MEARNS) Reactions of *Daphnia pulex* to light and heat. *See* PARKER (G. H.) Mark Anniversary Volume, *&c.* No. 18. 4⁰. 1903.

YERMOLOFF (ALEXIS S.) Les Lacs intermittents de la Russie d'Europe. *pp. 20 : text illust. See* PARIS. —*Société de Spéléologie.* Spelunca. Bulletin & Mémoires de la Société. Tom. VII, no. 49. 8⁰. 1907.

YESSO.—HOKUKAIDOCHŌ SHOKUMINBU SUISANKA. [*Hokkaido Government Department for the development of resources : Marine Produce Bureau.*]
Hokukaido Suisan chōsa hōkuku. Vol. III. Kombu Saishugio. [Reports on the Investigations on the Marine Resources of Hokkaido. III.—On the Laminariaceæ and Laminaria Industries of Hokkaido.] *pp. 216 : 41 pls.* 4⁰. [*Hokkaido,*] 1902.
Contains (in Japanese):—
1. On the Laminariaceæ of Hokkaido. By K. Miyabé.
2. On the Laminaria Industries. By S. Yanagawa.
3. Chemical Analysis of Laminaria. By K. Oshima.

YMAN (HANS) Museum naturalium Academiæ Upsaliensis. Appendix II . . proponit H. Yman, *&c. See* THUNBERG (C. P.) 4⁰. [1791.]

YNOUMA (TSIODJOUN) *See* IINUMA (Y.)

YOKOHAMA.—Asiatic Society of Japan.
See ASIATIC SOCIETY OF JAPAN.

YOKOHAMA.—Seismological Society of Japan.
Transactions, *&c.* Vol. I–XV. 8⁰. *Yokohama,* 1880–90.

Yokohama.—Seismological Society of Japan.
General Meeting. 8⁰. [*Yokohama ?*] 1880.
Japan Gazette. May 1st, 1880.

YOKOHAMA NURSERY COMPANY.
Lilies of Japan. *36 pls. col.* 4⁰. *Japan,* 1899.

YOKOUSSAI (IINOUMA) *See* IINUMA (Y.)

YOKOYAMA (MATAJIRO) [1860–] Jurassic Plants from Kaga, Hida, and Echizen. *pp. 66 : 14 pls. col., text illust.* 8⁰. *Tōkyō,* 1889.
Journ. Coll. Sci. Japan. Vol. III.

Yokoyama (M.) On some Jurassic Fossils from Rikuzen. *pp. 13 : 2 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVIII, no. 6. 4⁰. 1904.

Yokoyama (M.) Jurassic Ammonites from Echizen and Nagato. *pp. 17 : 4 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XIX, no. 20. 4⁰. 1904.

Yokoyama (M.) Mesozoic Plants from Nagato and Bitchu. *pp. 13 : 3 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XX, no. 5. 8⁰. 1905.

Yokoyama (M.) Mesozoic Plants from China. *pp. 39, 1 tab., 12 pls., text illust. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXI, no. 9. 4⁰. 1906.

Yokoyama (M.) Palæozoic Plants from China. *pp. 18 : 7 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXIII, no. 8. 4⁰. 1908.

Yokoyama (M.) Some Tertiary Fossils from the Miike Coal-Field. *pp. 16 : 3 pls. See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXVII, no. 20. 4⁰. 1911.

YOKUSAÏ (IINUMA) *See* IINUMA (Y.)

YOLDI, *Conde de.*
See AGUIRRA Y GADEA (A. D') *Count Yoldi.*

YONGE (CHARLES DUKE) [1812–1891] An English-Greek Lexicon. *pp. vii, 536.* 4⁰. *London,* 1849.

—— New edition. *pp. viii, 558.* 4⁰. *London,* 1883.

YONGE (CHARLOTTE MARY) *Miss* [1823–1901] The Herb of the Field [by C. M. Yonge] . . . Second edition. *See* HERB. 8⁰. 1858.
The first edition appeared in 1853.

YONNE, *Department of.*—**Société des Sciences historiques et naturelles.**
See AUXERRE.

YONNE, *Department of.* [*Maps.*] Carte Géologique du département de l'Yonne . . . Par A. Leymerie [&] V. Raulin. Échelle 1 : 80,000 [*i.e.* 1 in. = 1¼ m. about]. 6 sh. *col. Paris,* 1855.

YORK.—Watson Botanical Exchange Club.
See WATSON BOTANICAL EXCHANGE CLUB.

YORK.—West Riding Consolidated Naturalists' Society.
See WEST RIDING CONSOLIDATED NATURALISTS' SOCIETY.

YORK.—Yorkshire Naturalists' Club.
See YORKSHIRE NATURALISTS' CLUB.

YORK.—Yorkshire Philosophical Society.
See YORKSHIRE PHILOSOPHICAL SOCIETY.

YORKSHIRE. [*Maps.*] A Geological Map of Yorkshire . . . Scale 4 m. to an inch. *See* BIRD (C.) s.sh. 1881.

YORKSHIRE GEOLOGICAL AND POLYTECHNIC SOCIETY.
See YORKSHIRE GEOLOGICAL SOCIETY.

YORKSHIRE GEOLOGICAL SOCIETY.
[1837 Founded as *Geological and Polytechnic Society of the West Riding of Yorkshire.*
1877 *Yorkshire Geological and Polytechnic Society.*
1906 *Yorkshire Geological Society.*]
(Reports of the) Proceedings, *&c.* Vol. I→ 1839→ 8⁰. *Leeds (& Halifax),* 1849→
Wanting Vol. V, pt. 1. Vol. III is imperfect.
Vol. VI→ are styled "New Series," and the sub-title reads :—"Papers . . . and Minutes of the Proceedings," *&c.*
Vol. X contains :—"History of the . . . Society, 1837-87. With biographical notices of some of its members. By J. W. Davis."
Vol. XV contains a "Classified Index . . . Volumes I–XIV (1839–1902)."

YORKSHIRE NATURALISTS' CLUB.
[Founded 1849.]
Proceedings, *&c.* 1869, *pp. 206–19.* 12⁰. [*York,* 1870.]

YORKSHIRE NATURALISTS' RECORDER, The: Journal of the West-Riding Consolidated Naturalists' Society, and medium of exchange in all branches of Natural History. No. 1-14.†
8⁰. *Manchester & Wakefield*, 1872-73.
Without title-page or index. Issued while "The Naturalist" [*q.v.*] was in abeyance.

YORKSHIRE NATURALISTS' UNION.
[1861 Founded as *West Riding Consolidated Naturalists' Society.*
1876 *Yorkshire Naturalists' Union*]
The Naturalist. Journal of the . . . Society (—Union), *&c.* *See* NATURALIST. The Naturalist, *&c.* Vol. I→
8⁰. 1864→

Yorkshire Naturalists' Union.
The Transactions, *&c.* Pt. I→
8⁰. *Leeds & London*, 1878→
Each part contains a portion, or portions, of the several "Series" into which the whole is divided. Series E, Vol. II was separately issued.
[Series A: Circulars, Annual Reports, *&c.*] 1886→
Series B: Vertebrata.
The Birds of Yorkshire: by W. E. Clarke. *pp. 1-112.* 1879-1901.
Incomplete. It has been incorporated in T. H. Nelson's work "The Birds of Yorkshire." [*q.v.*]
Series C: Invertebrata (exclusive of the Articulata).
Annotated list of the Land and Freshwater Mollusca known to inhabit Yorkshire. By W. Nelson and J. W. Taylor. 1878→
Series D: Articulata (Insecta, Myriapoda, Crustacea & Arachnida).
Vol. I. [A collection of short papers by different authors.] 1878→
" II. List of Yorkshire Lepidoptera. By G. T. Porritt. *pp. 190.* 1883-86.
—— Supplement [with new title, marked "second edition," and introduction]. *pp. xvi, 191-269.* 1904.
Intended to be bound with the preceding to form a so-called second edition.
" III. A list of the Coleoptera of Yorkshire. By . . W. C. Hey. 1886→
Series E: Botany. [Also called "Botanical Transactions."]
Vol. I. Miscellaneous papers, reports, *&c.* *pp. 292.* 1878-91.
" II. The Flora of West Yorkshire, with a sketch of the Climatology and Lithology in connection therewith. By F. A. Lees. 1888.
[Separately issued.]
" III. (Second edition of) North Yorkshire: studies of its botany, geology, climate, and physical geography. By J. G. Baker. *pp xiv, 671: 3 maps col.* 1888-1906.
" IV. The Fungus Flora of Yorkshire . . . By G. Massee . . . and C. Crossland. *pp. 396.* 1905.
" V. The Alga-Flora of Yorkshire . . . By W. West . . . and G. S. West. *pp. 239.* 1901 (-03).
" "IV." Miscellaneous papers. 1896→
Series F: Geology. [Also called "Geological Transactions."]
Vol. I. The Carboniferous Flora of Yorkshire. First (—Second, *&c.*) Report on behalf of the Yorkshire Fossil Flora Committee. 1890→

Yorkshire Naturalists' Union.
The Birds of Yorkshire . . . By T. H. Nelson . . . with the co-operation of W. E. Clarke . . . and F. Boyes. [Edited by the Yorkshire Naturalists' Union.] 2 Vol. *illust.* (*col.*) *See* NELSON (T. H.) 8⁰. 1907.

YORKSHIRE PHILOSOPHICAL SOCIETY.
[Founded 1822.]
Annual Report, *&c.* 1823→ 8⁰. *York*, 1824→

Yorkshire Philosophical Society.
Proceedings . . . A selection from papers relating to the Antiquities and Natural History of Yorkshire, read at the monthly meetings . . . from 1847 to 1854. Vol. I.† *pp. iv, 289: 8 pls.* 8⁰. *London & York*, 1855.

Yorkshire Philosophical Society.
Skeleton of *Dinornis robustus* (Owen), one of the Moas of New Zealand, in the Museum of the . . . Society.
s.sh. [*York*, 1865.]
Issued with the "Annual Report" for 1864.

Yorkshire Philosophical Society.
A popular Hand-Book to the Natural History Collection in the York Museum, *&c.* *See* KEEPING (W.)
8⁰. 1881.

YOSHIDA (HIKOROKURŌ) Lacquer (*Urushi*). Description, cultivation and treatment of the Tree . . . and its industrial applications. *See* EDINBURGH.—*International Forestry Exhibition, 1884.* Forestry and Forest Products, *&c.* Essay XXI. 8⁰. 1885.

YOSHIO (TANAKA) *See* TANAKA (Y.)

YOSHIWARA afterwards **Tokunaga** (SHIGEYASU) [1874-]
Notes on the Raised Coral Reefs in the islands of the Riukiu Curve. *pp. 14: 1 pl., 1 map (col.), text illust.*
Geologic structure of the Riukiu (Loochoo) Curve, and its relation to the northern part of Formosa. *pp. 67: 1 pl., 4 maps (3 geol. col.), text illust.*
See TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVI, no. 1 & 2. 4⁰. 1901.

Yoshiwara afterwards **Tokunaga** (S.) On the fossil Echinoids of Japan. *pp. 27: 4 pls.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVII, no. 12. 4⁰. 1903.

Yoshiwara afterwards **Tokunaga** (S.) Fossils from the environs of Tōkyō. *pp. 96: 6 pls., text illust.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XXI, no. 2. 4⁰. 1906.

Yoshiwara afterwards **Tokunaga** (S.) & **Iwasaki** (J.) Notes on a new Fossil Mammal. *pp. 13: 3 pls., text illust.* *See* TOKIO.—TEIKOKU DAIGAKU. Journal of the College of Science, *&c.* Vol. XVI, no. 6. 4⁰. 1902.

YOSIWO (TANAKA) *See* TANAKA (Y.)

YOTHERS (WILLIAM W.) Spraying for White Flies in Florida. *pp. 8.* *See* UNITED STATES.—*Department of Agriculture.—Division of Entomology.* Circular No. 168. 8⁰. 1913.

Yothers (W. W.) & **Hinds** (W. E.) Hibernation of the Mexican Cotton Boll Weevil. *pp. 106: 10 pls., text illust.* *See* UNITED STATES.—*Department of Agriculture.—Entomology Bureau.* Bulletin No. 77. 8⁰. 1909.

YOUATT (WILLIAM) [1777-1847] [The Horse . . . With a treatise of draught. 8⁰. *London*, 1831.]
Wanting.
—— A new edition. *pp. viii, 581. text illust.*
8⁰. *London*, 1855.
Published under the superintendence of the Society for the Diffusion of Useful Knowledge.

Youatt (W.) [Cattle; their breeds, management and diseases. 8⁰. *London*, 1834.]
Wanting.
—— New edition. *pp. viii, 600: text illust.*
8⁰. *London*, 1860.
Published under the superintendence of the Society for the Diffusion of Useful Knowledge.

Youatt (W.) [Sheep; their breeds, management and diseases, *&c.* 8⁰. *London*, 1837.]
Wanting.
—— New edition. *pp. viii, 568, 36: text illust.*
8⁰. *London*, 1862.
Published under the superintendence of the Society for the Diffusion of Useful Knowledge.

Youatt (W.) [The Dog. 8⁰. *London*, 1845.]
Wanting.
—— [Another edition.] *pp. [iv,] 268: text illust.*
8⁰. *London*, 1854.
Published under the superintendence of the Society for the Diffusion of Useful Knowledge.

Youatt (W.) The Pig: a treatise on the breeds . . . of Swine, *&c.* *pp. viii, 164: 1 pl., text illust.*
8⁰. *London*, 1847.

YOUMANS (ELIZA ANN) *Miss* [1826-] The First Book of Botany . . . New edition, *&c.* *pp. 202: text illust.* 8⁰. *London*, 1885.
The first edition was published at New York in 1870.

YOUNDEGIN METEORITE. The large Youndegin Meteorite (Meteoric Iron) found at Youndegin, Western Australia, 1891.

A photograph 16 × 13½ in.

YOUNG (ALFRED PRENTICE) [1841–] Der Cotopaxi und die umgebenden Vulkanberge, *&c.* *See* REISS (J. W.) & STUEBEL (M. A.) Reisen in Süd-Amerika. Das Hochgebirge der Republik Ecuador. II. Petrographische Untersuchungen. II. Ost-Cordillere. No. II. 4⁰. 1902.

—— [Another edition entitled :] Die Gesteine der Ecuatorianischen Ost-Cordillere der Cotopaxi und die umgebenden Vulkanberge . . . Inaugural-Dissertation, *&c.* *pp. iv, 215 : 4 pls.* 4⁰. *Berlin*, 1902.

Differs from the preceding in having a preface and "Vita" with separate pagination in addition to that of the original.

YOUNG (ARCHIBALD) Salmon Fisheries. *See* HOLDSWORTH (E. W. H.) Sea Fisheries, *&c.* 8⁰. 1877.

Young (ARCHIBALD) [For official reports as Commissioner of Scotch Salmon Fisheries] *See* GREAT BRITAIN & IRELAND.—*Fishery Reports.—Salmon Fisheries.*

Young (ARCHIBALD) & **others.** Reports on the Crab and Lobster Fisheries of . . . Scotland, *&c.* *See* GREAT BRITAIN & IRELAND.—*Fishery Reports.—Oyster, &c., Fisheries.* 8⁰. 1877.

YOUNG (ARTHUR) [1741–1820] A Tour in Ireland . . . in . . . 1776–78, *&c.* *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. III. 4⁰. 1809.

Young (ARTHUR) Travels during . . . 1787–89, undertaken . . . with a view of ascertaining the cultivation . . . and national prosperity of the Kingdom of France. *See* PINKERTON (J.) A general Collection of . . . Voyages, *&c.* Vol. IV. 4⁰. 1809.

YOUNG (AUGUSTUS) Preliminary Report on the Natural History of the State of Vermont. *See* VERMONT, *State of.* 8⁰. 1856.

YOUNG (CHARLES GROVE) The Stalk-Eyed Crustacea of British Guiana, West Indies, and Bermuda. *pp. xix, 514 : 7 pls. col., text illust.* 8⁰. *London*, 1900.

YOUNG (EDWARD) The Ferns of Wales. *pp. v, 29 : 28 pages of mounted specimens.* fol. *Neath*, 1856.

YOUNG (GEORGE) [1777–1848] & **Bird** (J.) A Geological Survey of the Yorkshire Coast : describing the strata and fossils occurring between the Humber and the Tees, from the German Ocean to the Plain of York, *&c.* *pp. iv, 335 : 19 pls. (18 col.), 1 map col., text illust.* 4⁰. *Whitby, &c.*, 1822.

—— Second edition. *pp. iv, 367 : 19 pls. (18 col.), 1 map col., text illust.* 4⁰. *Whitby, &c.*, 1828.

YOUNG (GEORGE ALB.) [1878–] The Geology and Petrography of Mount Yamaska, province of Quebec. *pp. 43 : 1 map geol. col.* *See* CANADA.—*Geological Survey.* Annual Report (New Series), Vol. XVI, H. 8⁰. 1906.

YOUNG (HENRY C.) List of Birds which breed in the vicinity of Glasgow. *See* GLASGOW SOCIETY OF FIELD NATURALISTS. A contribution towards . . . the Fauna and Flora of Clydesdale and the West of Scotland, *&c.* 8⁰. 1876.

YOUNG (JOHN) *LL.D., F.G.S.* [1823–1900] On the Geology of the Campsie district, *&c.* *pp. 45 : 3 pls., text illust.* *See* GEOLOGICAL SOCIETY OF GLASGOW. Transactions, *&c.* Vol. I, pt. 1. 8⁰. 1860.

—— Second edition. *pp. 67 [1].* 8⁰. 1868.

—— Third edition, *&c.* *pp. 72 : text illust.* 8⁰. *Glasgow*, 1893 (1894).

Young (JOHN) *LL.D., F.G.S.* Catalogue of the Western Scottish fossils. Compiled by . . . J. Young, *&c.* *See* ARMSTRONG (J.) *& others.* 8⁰. 1876.

YOUNG (JOHN) *M.D., Professor of Natural History in the University of Glasgow* [1835–1902] Notes on the genus *Lingula*, *&c.* *See* Y., J. 8⁰. 1863.

Young (JOHN) *M.D., Professor of Natural History in the University of Glasgow.* The Geology of East Lothian, *&c.* *See* GREAT BRITAIN & IRELAND.—*Geological Survey : Scotland.* Memoirs, *&c.* Vol. I, pt. 3. 8⁰. 1866.

Young (JOHN) *M.D., Professor of Natural History in the University of Glasgow.* Geology of the Clyde Valley. *pp. 48 : 2 pls.* 8⁰. *Glasgow, &c.*, 1874.

Young (JOHN) *M.D., Professor of Natural History in the University of Glasgow.* Catalogue of the western Scottish Fossils. Compiled by J. Armstrong . . . With introduction on the Geology and Palæontology of the district, by Prof. Young. *See* ARMSTRONG (J.) *& others.* 8⁰. 1876.

YOUNG (M. J.) Familiar lessons in Botany, with Flora of Texas, adapted to general use in the Southern States. *pp. 646 : text illust.* 12⁰. *New York & Houston*, 1873.

YOUNG (WILLIAM) [fl.1753–1771] A Natural History of Plants, containing the production of North and South Carolina, of upwards of 300 different species which have been carefully collected, drawn and coloured from life in the year 1767, *&c.* *foll. 96.* fol. [ ]

Banksian Manuscript No. 24. *Vide* Dryander's "Cat. Bibl. Banks." Vol. III, p. 186.
302 water-colour drawings of Plants, with manuscript index and dedication.

YUAKAWA (T.) [For official catalogues in connection with the Natural History Department of the Imperial Museum] *See* TOKIO.—TEIKOKU HAKUBUTSUKWAN. 8⁰. 1891.

YŪḤANNĀ IBN MĀSAWAIH. Mesue qui Græcorum ac Arabum postremus medicinam practicam illustravit . . . Ex duplici tralatione, altera quidem antiqua, altera vero nova J. Sylvii . . . Adjectæ sunt . . . annotationes in eundem Mesue J. Manardi & J. Sylvii opus sane divinum medicis aromatariisq; omnibus . . . castigatum. *foll. 20 : 309.* fol. *Venetiis*, 1558.

YŪḤANNĀ IBN SARAPION. *Begin.* Liber Serapionis [meaning Joannes filius Serapionis, otherwise Serapion the elder, or Yūḥannā ibn Sarapion, but in reality by Serapion the Younger, otherwise Sarapion] agregatus ī medicīis simplicib⁹. Trāslatō Symōis [a Cordo] Ianuēsis interp̄te Abraā iudeo tortuosiēsi de Arabico ī Latinū. [*fol. 183 recto*] Incipit Liber Galieni ad Papiam de Virtute Centauree. [Translated from the Greek by Nicolaus Rheginus.]

fol. *Per Antōium Zarotum, Parmēsem*, 1473.

185 leaves, without title-page, pagination, catchwords, or signatures.
Printed in double column, having 41 lines to the full column.
The sections are made up irregularly, of from three to six sheets.
This copy has been annotated in manuscript.

YULE (*Sir* HENRY) *K.C.S.I.* [1820–1889] Mongolia . . . By Lieut.-Col. N. Prejevalsky . . . With introduction and notes by Col. H. Yule. 2 Vol. *See* PRZHEVAL'SKIĬ (N. M.) 8⁰. 1876.

Yule (*Sir* H.) *K.C.S.I.* The River of Golden Sand . . . With an introductory essay by . . . H. Yule. 2 Vol. *See* GILL (W. J.) 8⁰. 1880.

—— Condensed by E. C. Baber . . . Edited, with a memoir and introductory essay, by . . . H. Yule. *See* GILL (W. J.) 8⁰. 1883.

Yule (*Sir* H.) *K.C.S.I.* [For accounts of Voyages, *&c.*, edited by Sir H. Yule, K.C.S.I.] *See* HAKLUYT SOCIETY. Works, *&c.*

Yule (*Sir* H.) *K.C.S.I.* & **Burnell** (A. C.) Hobson-Jobson: a glossary of colloquial Anglo-Indian Words and Phrases . . . New edition edited by W. Crooke. *pp. clviii, 1021.* 8⁰. *London*, 1903.
The first edition appeared in 1886.

YUNG (ÉMILE JEAN JACQUES) [1854–] Contributions à l'histoire physiologique de l'Escargot (*Helix pomatia*). *pp. 119 : 2 pls., text illust.* *See* BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, *&c.* Mémoires couronnés, *&c.* Tom. XLIX, no. 1. 4⁰. 1888.

Yung (É. J. J.) Propos scientifiques. *pp. [vi,] 293.* 8⁰. *Paris & Genève*, 1890.

Yung (É. J. J.) & **Vogt** (C. C.) Lehrbuch der praktischen vergleichenden Anatomie. 2 Bd. *See* VOGT (C.) & YUNG (E.) 8⁰. 1885–94.

Yung (É. J. J.) & **Vogt** (C. C.) Traité d'anatomie comparée pratique. 2 Tom. *See* VOGT (C.) & YUNG (É.) 8⁰. 1888–94.

YUNG (GODEFROY EUGÈNE) [1827–] Revue des Cours Scientifiques . . Direction : M. E. Yung, *&c.* Ann. II. —IIᵉ Série, tom. XVI. *See* REVUE SCIENTIFIQUE. 4⁰. 1864–79.

YUNGE (GUILLERMO) Estadística Minera de Chile en 1903 . . . llevada á Cabo . . . por . . G. Yunge. Tom. I→ *See* SANTIAGO, *Chile.*—SOCIEDAD NACIONAL DE MINERÍA. 8⁰. 1905→

YVART (JEAN AUGUSTIN VICTOR) [1764–1831] *See* DICTIONARIES. Nouveau Dictionnaire d'Histoire naturelle, *&c.* Nouvelle édition. 36 Vol. 8⁰. 1816–19.

Yvart (J. A. V.) Études sur la race Mérinos à laine soyeuse de Mauchamp. *pp. 32.* 8⁰. [*Paris*, 1849 ?]
Soc. Nat. & Cent. Agric.

Z * * * Herrn J. Anderson . . Nachrichten von Island . . . Nebst einem Vorberichte [signed Z * * *, *i.e.* J. D. Winckler] von den Lebensumständen des . . . Verfassers. *See* ANDERSON (JOHANN) 8⁰. 1746.

ZAAIJER (T.) [1837–1902] Untersuchungen über die Form des Beckens Javanischer Frauen, *&c.* *pp. 39 : 3 pls.* *See* HAARLEM.—HOLLANDSCHE MAATSCHAPPIJ DER WETENSCHAPPEN. Natuurkundige Verhandelingen, *&c.* Verz. II, dl. XXIV. 4⁰. 1866.

ZABARĪNSKIĬ (PETR) Dopolnenie k monoghrafiĭ N. Kleinenberg "*Hydra.*" (Leipzig 1872.) [Supplement to N. Kleinenberg's monograph "*Hydra.*"] *pp. 10 : 3 pls.* *See* ODESSA. — NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. VI. [Pt. 2.] 8⁰. 1880.

ZABEL (HERMANN) [1832 ?–1912] Systematisches Verzeichniss der in den Gärten der Königl. Preuss. Forstakademie zu Münden kultivirten Pflanzen. *pp. 43.* 8⁰. *Münden*, 1878.

ZABOLOTNUIĬ (DANĪL KĪRĪLLOVĪCH) O svyecheniĭ zhīvuikh orghanizmov. (Po povodu fosforestzentziĭ Odesskīkh līmanov.) (Sur la lueur produite par les organismes luants, à propos de la phosphorescence des lacs salés (limans) des environs d'Odessa.) *pp. 17.* *See* ODESSA.—NOVOROSSIĬSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Zapīskī, *&c.* Tom. XVII [Pt. 2], no. 3. 8⁰. 1892.

ZABOLOTNY (D.) *See* ZABOLOTNUIĬ (D. K.)

ZABOROWSKI-MOINDRON (SIGISMOND) [1851–] Les Migrations des Animaux et le Pigeon voyageur. *pp. 183.* 8⁰. *Paris* [1880].
Bibliothèque Utile. Tom. LIV.

ZABUSOV (ĪPPOLĪT PETROVĪCH) Microstomidæ, O. Schm., okrestnostī gh. Kazanī.—Die Microstomiden der Umgegend von Kasan. *pp. 36 : 1 pl.* *See* KAZAN. —OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXVII, vuip. 5. 8⁰. 1894.

Zabusov (Ī. P.) Ocherk Faunui Pryamokīshechnuikh Turbellyariĭ okrestnosteĭ gh. Kazanī. — Die Rhabdocœlen Turbellarien der Umgegend von Kazan. *pp. 15.* *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 151. 8⁰. 1895.

Zabusov (Ī. P.) O Turbellyariyakh solovetzkīkh ostrovov.—Vorläufiger Bericht über die Turbellarien der Insel von Solowetzk. *pp. 15.* [RUSS.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 167. 8⁰. 1898 (1899).

Zabusov (Ī. P.) Zamyetkī po morfologhiī ī sīstematīkye Triclada. [Remarks on the morphology & systematics of the Triclada.] No. 1 & 2. [RUSS.] *See* KAZAN. —OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 179 & 191. 8⁰. 1899, 1901.

—— No. 3, 4 & 5. *illust.* [RUSS. with GERM. abstr.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXVI, vuip. 1 & 6 ; XXXVII, vuip. 6. 8⁰. 1901–03.

Zabusov (Ī. P.) Nablyudeniya nad ryesnīchnuimī Chervyamī (Turbellaria) Solovetzkīkh Ostrovov. — Beobachtungen über die Turbellarien der Inseln von Salowetzk. *pp. 208 : 3 pls.* [RUSS. with GERM. abstr.] *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XXXIV, vuip. 4. 8⁰. 1900.

Zabusov (Ī. P.) Īzslyedovaniya po morphologhiī ī sīstematīkye Planariĭ ozera Baĭkala. I. Rod *Sorocelis.* Grube. — Untersuchungen über die Morphologie und Systematik der Planarien aus dem Baikalsee. I. Die Gattung *Sorocelis*, Grube. (Dobavlenie, *&c.*—Nachtrag, *&c.* *pp. 422 (8) 2 : 11 pls. (col.)* RUSS. *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XLIII, no. 4. 8⁰. 1911.

ZABUSOV (NĪKOLAĬ PETROVĪCH) Īzslyedovanie īnnervatziī letatel'noĭ pereponkī Letuchīkh Muisheĭ.—Zur Innervation der Flughaut von Chiropteren. *pp. 65 : 2 pls.* *See* KAZAN. — OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XLIII, vuip. 1. 8⁰. 1910.

ZACCAGNA (DOMENICO) [1851–] Carta Geologica delle Riviere, Liguri e delle Alpini Marittime . . . Scala 1 : 200,000 [*i.e.* 1 in. = 3·15 m. about.] *See* LIGURIA. [*Maps.*] s.sh. 1887.

Zaccagna (D.) Cenni relativi alla Carta Geologica delle Alpi Apuane, *&c.* *See* ITALY.—*Reale Comitato Geologico.* 8⁰. 1898.

ŽÁČEK (A.) & **Ernest** (A.) Ueber die Wirkung der Koniferen auf die Leitfähigkeit der Luft. *pp. 2.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1913, no. 9. 8⁰. 1914.

ZACHARIAS (EDUARD) [1852–1911] Ueber die Cyanophyceen. *pp. 50 : 1 pl. col.* *See* HAMBURG.—NATURWISSENSCHAFTLICHER VEREIN. Abhandlungen, *&c.* Bd. XVI, no. 2. 4⁰. 1900.

ZACHARIAS (EMIL OTTO) [1846–] Zur Kenntnis der niederen Tierwelt des Riesengebirges nebst vergleichenden Ausblicken. *pp. 35 : text illust.* *See* STUTTGART.—*Centralkommission fuer Wissenschaftliche Landeskunde von Deutschland.* Forschungen, *&c.* Bd. IV, hft. 5. 8⁰. 1890.

Zacharias (EMIL O.) Die Tier- und Pflanzenwelt des Süsswassers. Einführung in das Studium derselben . . . herausgegeben von . . . O. Zacharias. 2 Bd. *illust.* 8⁰. *Leipzig*, 1891.

Bd. I,
no. 1. Allgemeine Biologie eines Süsswassersees. Von F. A. Forel.
,, 2. Die Algen. Von W. Migula.
,, 3. Zur Biologie der phanerogamischen Süsswasserflora. Von F. Ludwig.
,, 4. Ein Wurzelfüsser des Süsswassers in Bau und Lebenserscheinungen dargestellt. Von A. Gruber.
,, 5. Die Flagellaten (Geisselträger). Von W. Migula.
,, 6. Die Süsswasserschwämme. Von W. Weltner.
,, 7. Die Strudelwürmer (Turbellaria). Von O. Zacharias.
,, 8. Die Rädertiere (Rotatoria). Von L. H. Plate.
,, 9. Die Krebsfauna unserer Gewässer. Von J. Vosseler.
Bd. II,
no. 1. Die Hydrachniden (Wassermilben). Von P. Kramer.
,, 2. Kerfe und Kerflarven des süssen Wassers, besonders der stehenden Gewässer. Von E. Schmidt-Schwedt.
,, 3. Die Mollusken des Süsswassers. Von S. Clessin.
,, 4. Die Deutschen Süsswasserfische und ihre Lebensverhältnisse. Von A. Seligo.
,, 5 Die Parasiten unserer Süsswasserfische. Von F. Zschokke.
,, 6. Ueber die quantitative Bestimmung des Plankton im Süsswasser. Von C. Apstein.
,, 7. Die Fauna des Süsswassers in ihren Beziehungen zu der des Meeres. Von O. Zacharias.
,, 8. Ueber die wissenschaftlichen Aufgaben biologischer Süsswasser-Stationen. Von O. Zacharias.
,, 9. Das Tierleben auf Flussinseln und am Ufer der Flüsse und Seen. Von F. Borcherding.

Zacharias (EMIL O.) Ueber eine Ichthyophthirius-Art aus den Aquarien der Biologischen Station zu Plön. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

Zacharias (EMIL O.) Forschungsberichte aus der Biologischen Station zu Plön. Thl. I–XII. [*Continued as :*] Archiv für Hydrobiologie und Planktonkunde . . Herausgegeben von . . . O. Zacharias. Bd. I→ *See* PLON.—BIOLOGISCHE STATION. 8⁰. 1893→

ZACHARIAS (OTTO)
See ZACHARIAS (EMIL O.)

ZACHE (GUSTAV RUDOLF EDUARD) [1862–] Geognostische Skizze des Berliner Untergrundes. *pp. 25 : text illust.* 4⁰. *Berlin*, 1893.
Wissensch. Beil. Progr. Neunten Realschule Berlin.

ZACHER (FRIEDRICH) Die wichtigsten Krankheiten und Schädlinge der tropischen Kulturpflanzen, und ihre Bekämpfung. Bd. I→ *illust.* 8⁰. *Hamburg*, 1914→
Forming Bd. X of the series "Deutsche Tropen-Bibliothek."

ZADDACH (ERNST GUSTAV) [1817–1881] De Apodis Cancriformis, Schaeff., anatome et historia evolutionis. Dissertatio inauguralis zootomica, *&c.* *pp.* [*vi,*] *72 : 4 pls.* 4⁰. *Bonnæ*, 1841.

Zaddach (E. G.) Synopseos Crustaceorum Prussicorum prodromus. Dissertatio zoologica, *&c.* *pp. viii, 39.* 4⁰. *Regiomonti*, 1844.

Zaddach (E. G.) Untersuchungen über die Entwickelung und den Bau der Gliederthiere . . . I Heft. Die Entwickelung des Phryganiden-Eies. *pp.* [*vi,*] *138 : 5 pls.* 4⁰. *Berlin*, 1854.

Zaddach (E. G.) Beschreibung neuer oder wenig bekannter Blattwespen aus dem Gebiete der Preussischen Fauna. *pp. 39 : 1 pl.* 4⁰. *Königsberg-in-Pr.*, 1859.
Zur öffentl. Prüf. Schuler k. Friedrichs-Collegiums.

Zaddach (E. G.) Ueber die Bernstein- und Braunkohlenlager des Samlandes. *pp. 44 : 3 pls.* 4⁰. [*Konigsberg*, 1860.]
Schrift. k. phys. ökonom. Gesell. Königsberg. Jahrg. I.

Zaddach (E. G.) Das Tertiär-Gebirge Samlands. *pp. 113 : 12 pls. col.* 4⁰. *Königsberg*, 1868.
Schrift. k. phys.-ökonom. Gesell. Königsberg. Jahrg. VIII.

Zaddach (E. G.) Beobachtungen über das Vorkommen des Bernsteins und die Ausdehnung des Tertiärgebirges in Westpreussen und Pommern. *pp. 82 : 1 pl. col.* 4⁰. [*Konigsberg,*] 1869.
Schrift. k. phys.-ökonom. Gesell. Königsberg. Jahrg. X.

Zaddach (E. G.) A. E. Grube. Gedächtnissrede, *&c.* *pp. 32.* 8⁰. *Königsberg*, 1880.

ZAENGERLE (MAX) [1832–1903] [Lehrbuch der Mineralogie unter Zugrundelegung der neueren Ansichten in der Chemie. 8⁰. *Braunschweig*, 1873.]
Wanting.

—— Vierte Auflage. *pp. x, 182 : 1 pl. col., text illust.* 8⁰. *Braunschweig*, 1884.

Zaengerle (M.) Grundriss der Chemie und Mineralogie. Nach den neuesten Ansichten der Wissenschaft, *&c.* Theil I. Anorganische Chemie und Mineralogie. *pp. xi, 365, 2 tabs. : 1 pl.* (*col.*), *text illust.* 8⁰. *Braunschweig*, 1882.

ZAERINGER (JOANNES BAPTISTA) Quædam de historia naturali atque descriptio sceleti Salmonis farionis. Dissertatio inauguralis medica, *&c.* *pp. viii, 70 : 1 pl.* 8⁰. *Friburgi Brisgoviæ*, 1829.

ZAGHORSKIĬ (ALEKSANDR PETROVĪCH) [1807–1888] De systemate nerveo Piscium considerationes. Dissertatio inauguralis zootomica. *pp. 32 : 2 pls.* 4⁰. *Dorpati Livonorum*, 1833.

ZAGORSKY (ALEXANDER) *See* ZAGHORSKIĬ (A. P.)

ZAGREB. *See* AGRAM.

ZAHÁLKA (BŘETISLAV) O některých eruptivních horninách z okolí Mělníka a Mšena. [On some eruptive rocks from the neighbourhood of Mělník & Mšeno.] *pp. 79.* [*Résumé in German.*] *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1905, no. 3. 8⁰. 1905.

Zahálka (B.) Křídový útvar v západním Povltaví. Pásmo I (–V). [Cretaceous formations in the western Moldavian district. Zone I (–V).] 3 Pt. *illust.* *See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1911, no. 23 ; 1912, no. 7. 8⁰. 1912–13.

ZAHÁLKA (CENĚK) *Antedon pyropa*, n. sp., z Pyropového štěrku u Chodoulic. [*Antedon pyropa*, n. sp., from the Pyrope sands at Chodoulic.] *pp. 9 : 1 pl.* *See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. I, čís. 36. 8⁰. 1892.

Zahálka (Č.)
Geotektonika Křidového útvaru v okolí Řipu. [Geotectonics of the Cretaceous formations in the environs of Řipa.] *pp. 7 : text illust.*
O třech nejstarších pásmech Křidového útvaru v okolí Řipu. [On three of the oldest strata of the Cretaceous formations around Řipa.] *pp. 29.*
Petrografická studia v Křidovém útvaru okolí Řipu. [Petrographic studies in the Cretaceous formations around Řipa.] *pp. 23.*
Pásmo VI. Vehlovické (—Pásmo VIII. Malnické. —Pásmo VIII. Lounské) Křidového útvaru v okolí Řipu. [Zone VI (& VIII) of the remains of the Cretaceous formations around Řipa.] 3 Pt. *1 pl.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1893, no. 5, 20, 28, 32, 43, & 52. 8⁰. 1894.

Zahálka (Č.) Pásmo X. Teplické útvaru Křidového v okolí Řipu. [Zone X of the remains of the Cretaceous formations around Řipa.] *pp. 30 : 2 pls. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1894, no. 25. 8⁰. 1895.

Zahálka (Č.)
Pásmo IX. útvaru Křidového v okolí Ripu. [Zone IX of the remains of the Cretaceous formation around Řipa.] 4 No.
Příspěvek ku poznání Křidového útvaru u Jičína. [Contribution to a knowledge of the Cretaceous formation remaining at Jicina.] *pp. 3.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1895, no. 8, 18, 21, 43 & 23. 8⁰. 1896.

Zahálka (Č.)
Pásmo IX. útvaru Křidového mezi Chocebuzy a Vidími v Polomenych horách. [Zone IX of the Cretaceous formation between Chocebuzy and Vidim in the Polomen Mts.]
Stratigrafie Křidového útvaru Řipské vysočiny a Polomených Hor. [Stratigraphy of the Cretaceous formation of the Ripske highlands & Polomen Mts.] *pp. 40.*
Palaeontologie Křidového útvaru ve Vysočine Řipské a v Polomených Horách. [Palæontology of the Cretaceous formations in the highland of Řipské and in the Polomen Mts.] *pp. 28.*
O vzniku cicvárů v severních Čechách. [On the origin of Septaria in loess in northern Bohemia.] *pp. 9 : 1 pl.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1896, no. 12, 18, 21 & 24. 8⁰. 1897.

Zahálka (Č.) Pásmo I (II–V, VIII–X)...Křidového útvaru v Poohří. [Zone I (II–V, VIII–X) of the Cretaceous formation along the River Eger.] 8 Pt. *illust. See* PRAGUE. —KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1897, no. 9, 11, 22, 48 ; 1898, no. 5 & 10 ; 1899, no. 4, 11. 8⁰. 1898–1900.

Zahálka (Č.) Geotektonika Křidového útvaru v Poohří. [Geotectonics of the Cretaceous formation along the River Eger.] *pp. 18. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1899, no. 43. 8⁰. 1900.

Zahálka (Č.)
O průlinách diluvialních v Čechách. (Ueber die Diluvial-Karren in Böhmen). *pp. 4 : 1 pl.*
Stratigrafický význam sferosideritové vrstvy pásma IX. Křidového útvaru v Poohří. (Stratigraphische Bedeutung der Sphærosideritschichte der Zone IX. des Kreidesystems im Egergebiete.) *pp. 9.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1900, no. 10 & 14. 8⁰. 1901.

Zahálka (Č.) Pásmo I. (II.–X.) Křidového útvaru v Pojizeří. [Zone I (II–X) of the Cretaceous formation in the Iser Valley.] 8 Pt. *illust. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1902, no. 3, 4, 15, 16, 26, 57 ; 1903, no. 32 ; 1905, no. 17. 8⁰. 1903–05.

ZAHLBRUCKNER (ALEXANDER) Aufzählung der im Herbarium des K. K. Naturhistorischen Hofmuseums enthaltenen Pflanzensammlungen. *See* VIENNA. Die Botanischen Anstalten Wiens im Jahre 1894. No III. [Appendix.] 8⁰. 1894.

Zahlbruckner (A.) Plantæ Pentherianæ. Aufzählung der von . . . A. Penther und in seinem Auftrage von P. Krook in Südafrika gesammelten Pflanzen, *&c.* Pt. I–III *illust.* 8⁰. *Wien*, 1900–05.
Ann. k. k. Naturhist. Hofmuseums. Wien. Bd. XV, XVIII & XX.

Zahlbruckner (A.) Studien über Brasilianische Flechten. *pp. 76 : 2 pls.* 8⁰. *Wien*, 1902.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. CXI, abth. 1, 1902.

Zahlbruckner (A.) Lichenes (Flechten). B. Specieller Teil. *See* ENGLER (H. G. A.) & PRANTL (K. A. E.) Die natürlichen Pflanzenfamilien, *&c.* Thl. I, abth. 1*. 8⁰. 1903, 05.

Zahlbruckner (A.) Lichenes von Madagaskar, Mauritius und den Comoren . . . Mit Beschreibungen neuer Arten von A. Zahlbruckner. *See* VOELTZKOW (A.) Reise in Ostafrika, *&c.* Bd. III, hft. 1. 4⁰. 1908.

ZAHLBRUCKNER (JOHANN) [1782–1850] Darstellung der pflanzen-geographischen Verhältnisse des Erzherzogthumes Oesterreich unter der Enns. *See* VIENNA. —VEREIN FUER VATERLAENDISCHE GESCHICHTE, STATISTIK UND TOPOGRAPHIE. Beiträge, *&c.* Bd. I, no. 6. 8⁰. 1832.

ZAHLE (ERNST SOPHUS WILHELM) [1797–1837] Den Danske Stats og Norges Pattedyr. Et Priisskrift . . . udgivet . . . af S. Zahle. *See* MELCHIOR (H. B.) 8⁰. 1834.

ZAHN (GUSTAV) [Flora, Amphibia, Reptiles and Fish of the Seeberg.] *See* GOTHA.—NATURWISSENSCHAFTLICHER VEREIN. Naturwissenschaftliches und Geschichtliches vom Seeberg, *&c.* 8⁰. 1901.

ZAHN (GUSTAV WILHELM VON) [1871–] Die Stellung Armeniens im Gebirgsbau von Vorderasien unter besonderer Berücksichtigung der Türkischen Teile. *pp. vi, 89 : 2 maps col., text illust.* 8⁰. *Berlin*, 1906.
Veröffentl. Instit. Meeresk., *&c.* Hft. 10.

ZAHN (JOHANNES GEORGIUS) Dissertatio inauguralis medica de Semine Sinapis, quam . . . præside G. C. C. Storr . . . defendet auctor, *&c. pp. 28.* 4⁰. *Tubingæ*, 1780.

ZAHN (KARL HERMANN) [1865–] Icones Floræ Germanicæ et Helveticæ . . . continuatum auctore . . . H. Zahn, *&c.* Vol. XIX, pt. 2. (Hieracia critica vel minus cognita, *&c.*) *See* REICHENBACH (H. G. L.) 4⁰. 1904–12.

Zahn (K. H.) Die *Hieracien* der Schweiz. *pp. 568. See* ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, *&c.* Neue Denkschriften (—Nouveaux Mémoires), *&c.* Bd. XL. 4⁰. 1906.

ZÁHONY (RUDOLF VON RITTER-)
See RITTER-ZÁHONY.

ZAĬTZEV (ALEKSYEĬ MĪKHAĬLOVĪCH) [1856–] Gheologhīcheskiĭ razryez Beretov r. Kamui ot S. Usol'ya do gh. Elabughī. [Geological section on the banks of the river Kamui from Usol'ya to Elabugha.] *pp. 47. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. VII. [No. 2.] 8⁰. 1878.

Zaĭtzev (A. M.) Gheologhīcheskīya īzslyedovaniya v oblastī Permskagho basseĭna v Kazanskoĭ ī Samarskoĭ ghuberniyakh (Uyezdui: Chistopol'skiĭ, Bughul'mīnskiĭ, Bughuruslanskiĭ ī Samarskiĭ) ī po r. Volghye mezhdu ust'em r. Soka ī gh. Suizran'yu. [Geological investigations in parts of the Perm basin in the Kazan and Samara governments (Districts: Chistopol, Bugulmin, Buguruslan, and Samara) and on the river Volga between the mouth of the river Sok and the town of Suzran.] *pp. 68. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. IX. [No. 2.] 8⁰. 1880.

Zaĭtzev (A. M.)
Krīstallīcheskiya porodui okrestnosteĭ Krasnovodska. Petroghrafīcheskiĭ ocherk. [The crystalline rocks of the neighbourhood of Krasnovod. Petrographical account.] *pp. 25.*
Gheologhīcheskiĭ ocherk Kuishtuimskoĭ ī Kaslīnskoĭ dach v Srednem Uralye. [Geological account of the Kuishtuimskii and Kaslinskii districts in the Central Urals.] 2 Pt. *illust.*
See KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XIII. [No. 2 & 3.] 8⁰. 1884.

Zaĭtzev (A. M.) Gheologhīcheskiya īzslyedovaniya v Samarskoĭ, Sīmbīrskoĭ ī Kazanskoĭ ghuberniyakh.—Geologische Untersuchungen in den Gouv. Ssamara, Simbirsk und Kazan. *pp. 24. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. XV. [No. 1.] 8⁰. 1885.

Zaĭtzev (A. M.) Zamyetka o gheologhīcheskom stroeniī myestnostī na vostochnom sklonye Urala mezhdu rr. Sīnaroyu ī Karabolkoyu ī līnieyu Kunakbaeva—Zuiryankul'skaya—Zighalzīnskaya—Tyubuk.—Notiz über den geologischen Bau der Gegend am Ostabhange des Urals zwischen den Flüssen Sinara und Karabolka und der die Dörfer Kunakbaewa, Syriankulskaja, Sigalsinskaja und Tübuk verbindender [*sic*] Linie. *pp. 10. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1885–86. Prīlozheniya [Appendix], no. 76. 8⁰. 1886.

Zaĭtzev (A. M.) Obshchaya gheologhīcheskaya Karta Rosiī. List 138. Gheologhīcheskoe opīsanie Revdīnskagho ī Verkh'-Īsetskagho okrughov ī prīlezhashchīkh myestnosteĭ.—Allgemeine geologische Karte von Russland. Blatt 138. Geologische Beschreibung der Kreise Rewdinsk und Werch-Issetsk mit den angrenzenden Districten in Central Ural. *pp. 158: 1 map col. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Mémoires, *&c.* Vol. IV, no. 1. 4⁰. 1887.

Zaĭtzev (A. M.) Gheologhīcheskiya īzslyedovaniya v Nīkolae-Pavdīnskom okrughye ī prīlezhashchīkh myestnostyakh Tzentral'nagho Urala ī vostochnagho egho sklona.—Geologische Untersuchungen im Nikolai-Pawdinschen Kreise und Umgebung, im Gebiete des Central-Ural und dessen östlichen Abhange. *pp. [iv,] 97. See* RUSSIA.—COMITÉ GÉOLOGIQUE. Trudui, *&c.* Tom. XIII, no. 1. 4⁰. 1892.

ZAĬTZEV (PHILIP ADAMOVĪCH) Dryopidæ, Cyathoceridæ, Georyssidæ, Heteroceridæ. *pp. 68. See* SCHENKLING (S.) Coleopterorum Catalogus, *&c.* Pt. 17. 8⁰. 1910.

Zaĭtzev (P. A.) & **others.** Beiträge zur Coleopteren-Fauna des äussersten Nordens von Sibirien. *pp. 66: 1 pl. col. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XVIII, no. 9. 4⁰. 1910.

ZAKRZEWSKI (A. J. A.) Die Grenzschichten des Braunen zum Weissen Jura in Schwaben. Inaugural-Dissertation, *&c. pp. 53: 2 pls.* 8⁰. *Stuttgart*, 1886.

ZALÁNYI (BÉLA) Magyarországi Miocén Ostracodák. *pp. 62: 5 pls., text illust.*—Miocäne Ostrakoden aus Ungarn. *pp. 70: 5 pls., text illust. See* AUSTRIA-HUNGARY.—MAGYAR KIRÁLYI FÖLDTANI INTÉZET. Évkönyve, *&c.* (Mitteilungen aus dem Jahrbuche, *&c.*) Köt. XXI, füz. 4. 8⁰. 1913.

ZALENSKIĬ (VLADĪMIR VLADĪMIROVĪCH) [1847–] Po povodu īstoriī razvītiya *Calyptræa.* Krītīcheskaya zamyetka o stat'ye Prof. Stepanova "Īstoriya razvītiya *Calyptræa.*" [On the history of the development of *Calyptræa.* Critical observations on Prof. Stepanov's article "History of the development of *Calyptræa.*"] *pp. 22. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1874–75. Prīlozheniya. [No. 13.] 8⁰. 1876.

Zalenskiĭ (VLADĪMIR V.) Études sur les Bryozoaires Entoproctes. *pp. 60: 4 pls. See* ANNALES DES SCIENCES NATURELLES, *&c.* Zoologie. Sér. VI, tom. V, no. 3. 8⁰. 1877.

Zalenskiĭ (VLADĪMIR V.) O metaghenezīsye Sal'p ī razvītiī u nīkh syemyannuikh zhelez. [On the metagenesis of *Salpa* and the development of the spermatic glands.] *pp. 4. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1876–77. [No. 21.] 8⁰. 1877.

Zalenskiĭ (VLADĪMIR V.) Īstoriya razvītiya Sterlyadī. Predvarītel'noe soobshchenie. [History of the development of the Sterlet, *Acipenser ruthenus.* Preliminary communication.] 3 Pt. *See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Protokolui zasyedaniĭ, *&c.* 1876–77. Prīlozheniya [No. 23 & 27]; 1877–78. [No. 37.] 8⁰. 1877–78.

Zalenskiĭ (VLADĪMIR V.) Īstoriya rasvītiya Sterlyadī (*Acipenser ruthenus*). [On the development of the Sterlet (*Acipenser ruthenus*).] 2 Pt. *pp. iii, 545: 19 pls. See* KAZAN.—OBSHCHESTVO ESTESTVOĪSPUITATELEĬ, *&c.* Trudui, *&c.* Tom. VII, vuip. 3. 8⁰. 1878, 80.
The second part was originally numerated as Tom. X, vuip. 2, and subsequently corrected.

Zalenskiĭ (VLADĪMIR V.) Ueber die Thätigkeit der Kalymmocyten (Testazellen) bei der Entwicklung einiger Synascidien. *See* TASCHENBERG (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

Zalenskiĭ (VLADĪMIR V.) [Ungulata of Central Asia.] *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Nauchenuie rezul'tatui puteshestviĭ N. M. Przheval'skagho po tzentral'noĭ Aziī, *&c.* Bd. I, Thl. 2. 4⁰. 1902.

Zalenskiĭ (VLADĪMIR V.) Prjevalsky's Horse (*Equus Prjewalskii*, Pol.) . . . Translated by Capt. M. H. Hayes and O. C. Bradley [from the "Nauchenuie rezul'tatui puteshestviĭ N. M. Przheval'skagho," *&c.* Bd. I, Thl. 2, 1902.] . . . With an Introduction by J. C. Ewart. *pp. xvi, 65, 1 tab.: 5 pls., text illust.* 8⁰. *London*, 1907.
The original work in Russian appeared in 1902.

Zalenskiĭ (VLADĪMIR V.) Osteologhīcheskiya ī odontoghrafīcheskiya īzslyedovaniya nad Mamontom (*Elephas primigenius*, Blum.) ī Slonamī (*E. Indicus*, L. ī *E. Africanus*, Blum.). [Osteological and odontological researches on the Mammoth and Elephants.] *See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Nauchnuie rezul'tatui ekspedītziī . . . dlya raskopkī Mamonta, *&c.* Tom. I. 4⁰. 1903.

Zalenskiĭ (VLADĪMIR V.) Études anatomiques sur les Appendiculaires. 2 Pt. *illust. See* ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, tom. XIII, no. 7; XV, no. 1. 4⁰. 1903, 04.

Zalenskiĭ (Vladīmir V.) Morphogenetische Studien an Würmern. No. 1-4 [in 2 Pt.] *illust. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xvi, no. 11; xix, no. 11. 4⁰. 1905, 07.

No. 1 also forms "Trav. Lab. Zool. & Stat. Biol. de Sébastopol," No. 6.

Zalenskiĭ (Vladīmir V.) Mīkroskopīcheskiya īzslyedovaniya nyekotoruikh orghanov Mamonta, naĭdennagho na r. Berezovkye. [Microscopical investigations on some organs of the Beresovsk Mammoth.]—Vīdovuie zoologhīcheskie prīznakī Mamonta. [On the zoological specific characters of the Mammoth.] *See* St. Petersburg.—Académie impériale des sciences. Nauchnuie rezul'tatui ekspeditziī . . . dlya raskopkī Mamonta, *&c.* Tom. ii. 4⁰. 1909.

Zalenskiĭ (Vladīmir V.) *Solmundella* und *Actinula. pp. 70: text illust. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xxx, no. 6. 4⁰. 1911.

ZALENSKIĬ (Vyacheslav Rafaĭlovīch) [1875-] O Krīstallonosnuikh Klyetkakh s oprobkovyeluimī obolochkamī.—Ueber krystallführende Zellen mit verkorkten Membranen. *pp. 28: 2 pls.* russ. *See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xxx, vuip. 6. 8⁰. 1897.

Zalenskiĭ (Vyacheslav R.) Materialui k Florye Vodorosleĭ Kazanskoĭ ghuberniī. — Materialien zur Algenflora des Gouvernements Kasan. *pp. 16.* russ. *See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Protokolui zasyedaniĭ, *&c.* Prīlozheniya, no. 179. 8⁰. 1899.

ZALESSKY (M.) *See* Zalyesskiĭ (M. D.)

ZALUZANIUS (Adamus) *See* Zalužanský.

ZALUŽANSKÝ (Adam) A. Zaluzanii a Zaluzaniis Methodi Herbariæ libri tres, *&c.* [*foll. 120.*] 4⁰. *Francofurti*, 1604.

The work was first issued at Prague in 1592.

ZALYESSKIĬ (Mīkhaīl Dmītrievīch) [1877-] O nyekotoruikh Sīghīllariyakh sobrannuikh v Donetzkīkh Kamennoughol'nuikh otlozheniyakh. — Sur quelques Sigillaires recueillies dans le terrain houiller du Donetz. [russ. with fr. résumé.] *pp. 20: 4 pls. See* Russia.—comité géologique, *&c.* Trudui, *&c.* Tom. xvii, no. 3. 4⁰. 1903.

Zalyesskiĭ (M. D.) Īskopaemuiya Rasteniya Kamennoughol'nuikh otlozheniī Donetzkagho basseĭna. — Végétaux fossiles du terrain Carbonifère du bassin du Donetz. Pt. 1→ *illust.* russ. with fr. résumé. *See* Russia.—comité géologique, *&c.* Trudui, *&c.* Nouv. Sér., Livr. 13, 46. 4⁰. 1904→

Zalyesskiĭ (M. D.) Materialui k poznaniyu īskopaemoĭ Florui Dombrovskagho Kamennoughol'nagho basseĭna. —Beiträge zur Kenntnis der fossilen Flora des Steinkohlenreviers von Dombrowa. *pp. 68: 2 pls., text illust. See* Russia.—comité géologique, *&c.* Trudui, *&c.* Nouv. Sér., Livr. 33. 4⁰. 1907.

Zalyesskiĭ (M. D.) O Tozhdestvye *Neuropteris ovata*, Hoffmann, i *Neurocallipteris gleichenioides*, Sterzel. — On the identity of *Neuropteris ovata*, Hoffmann, and *Neurocallipteris gleichenioides*, Sterzel. *pp. 22: 4 pls., text illust. See* Russia.—comité géologique. Trudui, *&c.* Nouv. Sér., Livr. 50. 4⁰. 1909.

Zalyesskiĭ (M. D.) Études Paléobotaniques . . . 1re. Partie. Structure du rameau du *Lepidodendron obovatum*, Sternberg; et Note préliminaire sur le *Cœnoxylon Scotti*, nov. gen. et sp. *pp. 16: 2 pls., text illust.* 4⁰. *St. Pétersbourg*, 1911.

Zalyesskiĭ (M. D.) Īzuchenie anatomiī (Étude sur l'anatomie du) *Dadoxylon Tchihatcheffi*, Göppert sp. *pp. 29: 4 pls. See* Russia.—comité géologique. Nouv. Sér., Livr. 68. 4⁰. 1911.

Zalyesskiĭ (M. D.) O *Cordaites æqualis*, Göppert sp., īz Sībīrī o tozhdestvye egho s *Nœggerathiopsis Hislopi*, Bunbury sp., Florui Ghondvanui. — Sur le *Cordaites æqualis*, Göppert sp., de Sibérie; sur son identité avec la *Nœggerathiopsis Hislopi*, Bunbury sp., de la Flore du Gondwana. *pp. 43: 7 pls. See* Russia.—comité géologique, *&c.* Trudui, *&c.* Nouv. Sér., Livr. 86. 4⁰. 1912.

ZAMBONINI (Ferruccio) Abhandlungen zur Krīstallographie . . . Herausgegeben von F. Zambonini. *See* Sella (Q.) 8⁰. 1906.

Zambonini (F.) Notizie mineralogiche sull'eruzione Vesuviana dell'Aprile 1906. *pp. 40: 1 pl. See* Naples. — reale accademia delle scienze, *&c.* Atti, *&c.* Ser. II, vol. xiii, no. 8. 4⁰. 1908.

Zambonini (F.) Contributo allo studio dei Silicati Idrati. *pp. 127: 1 pl. See* Naples. — reale accademia delle scienze, *&c.* Atti, *&c.* Ser. II, vol. xiv, no. 1. 4⁰. 1910.

—— [Preprint.] 4⁰. *Napoli*, 1908.

Zambonini (F.) Mineralogia Vesuviana, *&c.* (Appendice, *&c.*) 2 Pt. *illust. See* Naples.—reale accademia delle scienze, *&c.* Atti, *&c.* Ser. II, vol. xiv, no. 6; xv, no. 12. 4⁰. 1910 (-12).

ZAMJATIN (A.) *See* Zamyatīn (A.)

ZAMMINER (Friedrich Georg Carl) [1817-1858] Jahresbericht über die Fortschritte der Physik . . . für 1857. *See* Jahresbericht ueber die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Physik, Mineralogie und Geologie. 1857. 8⁰. 1858.

ZAMMIT (Nicholas) Malta, and its Industries . . . Compiled by . . . N. Zammit, *&c. See* London. — *Colonial and Indian Exhibition, 1886.* 8⁰. 1886.

ZAMYATĪN (Aleksandr N.) Lamellibranchiata domanīkovagho ghorīzonta Yuzhnagho Tīmana. — Die Lamellibranchiaten des Domanik Südtimans. *pp.* [*i*,] *29: 2 pls. See* Russia.—comité géologique. Trudui, *&c.* Nov. Ser., vuip. 67. 4⁰. 1911.

Zamyatīn (A. N.) & **Nechaev** (A. V.) Gheologhīcheskiya īzslyedovaniya syevernoĭ chastī Samarskoĭ ghuberniī. — Recherches géologiques dans la région septentrionale du gouvernement de Samara. *pp. vi* [*i*,] *207: 2 pls., 5 maps geol. col., text illust.* russ. with fr. résumé. *See* Russia.—comité géologique. Trudui, *&c.* Nov. Ser., vuip. 84. 4⁰. 1913.

ZANARDINI (Giovanni Antonio Maria) [1804-1878] J. Zanardinii . . . Synopsis Algarum in Mari Adriatico hucusque collectarum cui accedunt monographia Siphonearum nec non generales de Algarum vita et structura disquisitiones. 4⁰. [*Turin*, 1842.]

Mem. R. Accad. Sci. Torino. Ser. II, tom. iv, *pp. 105-255: 8 pls. col.*

Zanardini (G. A. M.) Saggio di classificazione naturale delle Ficee . . . aggiunti nuovi studii sopra l'Androsace degli antichi, con tavola miniata ed enumerazione di tutte le specie scoperte e raccolte dall'autore in Dalmazia. *pp. 64, 2 tabs.: 1 pl. col.* 4⁰. *Venezia*, 1843.

Zanardini (G. A. M.) Notizie intorno alle cellulari marine delle lagune e de' litorali di Venezia. *pp. 88: 4 pls.* 8⁰. *Venezia*, 1847.

Atti I. R. Istit. Veneto. Tom vi.

Zanardini (G. A. M.) Prospetto della Flora Veneta. *pp. 53.* 4⁰. *Venezia*, 1847.
Extracted from "Venezia e le sue lagune."

Zanardini (G. A. M.) Plantarum in Mari Rubro hucusque collectarum enumeratio. 4⁰. *Venezia*, 1858.
Mem. I. R. Istit. Veneto. Tom. VII, *pp. 209–309 : 12 pls.*

Zanardini (G. A. M.) Iconographia Phycologica Adriatica, ossia scelta di Ficee nuove o più rare del mare Adriatico, *&c.* 3 Vol. [in 1] *illust. col.* 4⁰. *Venezia*, 1860–76.

Zanardini (G. A. M.) Phycearum Indicarum pugillus. *pp. 42 : 12 pls.* 4⁰. *Venetiis*, 1872.

ZANARDINIUS (JOANNES)
See ZANARDINI (GIOVANNI A. M.)

ZANDER (FRIEDRICH HEINRICH WILHELM RICHARD) [1874–1896] Die Milchsafthaare der Cichoriaceen, *&c.* *pp. 44 : 2 pls.* *See* BIBLIOTHECA BOTANICA, *&c.* Hft. 37. 4⁰. 1896.

ZANDER (HEINRICH DAVID FRIEDRICH) [1800–1876] Naturgeschichte der Vögel Mecklenburgs, *&c.* Thl. I.† *pp. 640.* 8⁰. *Wismar*, 1837–53.

ZANDER (JOHANN) Primitiæ viridarii medici Stetinensis, seu Catalogus Plantarum quas area illa . . . medico studio consecrata per triennium hoc proferre consuevit. Studio & labore J. Zanderi. [*pp. 31.*] 4⁰. *Sedini*, 1672.

ZANDER (RICHARD)
See ZANDER (FRIEDRICH H. W. R.)

ZANDERS (JOHANN WINAND TH.) Beiträge zu einer Geschichte der Thier-Metamorphose. *pp. xiv* [*iii,*] *286.* 8⁰. *Köln*, 1807.

ZANG (RICHARD) [Passalini from New Guinea.] *See* WICHMANN (C. E. A.) Nova Guinea. Uitkomsten der Nederlandsche Nieuw-Guinea-Expeditie in 1903, *&c.* Vol. V, livr. 1. 4⁰. 1906.

ZANICHELLI (GIAN GIROLAMO)
See ZANNICHELLI (G. G.)

ZANNETTI (ARTURO) Sopra gli Aeroliti, *&c.* *See* GOIRAN (A.) *& others.* 8⁰. 1868.

Zannetti (A.) & **Giglioli** (E. H.) Antropologia ed Etnologia. [Instructions to Travellers.] *See* ISSEL (A.) Istruzioni scientifiche pei Viaggiatori, *&c.* 8⁰. 1881.

ZANNICHELLI (GIAN GIROLAMO) [1662–1729] J. H. Zanichelli opuscula botanica posthuma a J. J. filio in lucem edita, *&c.* *pp.* [*xii,*] *87 : port., 1 pl.* 4⁰. *Venetiis*, 1730.

Zannichelli (GIAN G.) Istoria delle Piante che nascono ne' lidi intorno a Venezia, opera postuma di G. G. Zannichelli accresciuta da G. Jacopo figliuolo . . . dello stesso, *&c.* *xliv, 290 : 78 pls., 1 port.* fol. *Venezia*, 1735.

ZANNICHELLI (GIAN JACOPO) [1695–1759] J. H. Zanichelli opuscula botanica posthuma a J. J. filio in lucem edita, *&c.* *See* ZANNICHELLI (G. G.) 4⁰. 1730.

Zannichelli (GIAN J.) Istoria delle Piante che nascono ne' lidi intorno a Venezia, opera postuma di G. G. Zannichelli accresciuta da G. Jacopo figliuolo . . . dello stesso, *&c.* *See* ZANNICHELLI (G. G.) fol. 1735.

ZANNONE, *Island.* [*Maps.*] Carte Geologica delle Isole . . . Zannone (Scala di 1 : 30,000 [*i.e.* 1 in. = 2½ m. about]) per C. Doelter. *See* ITALY.—*Reale Comitato Geologico.* Memorie, *&c.* Vol. III. s.sh. *col.* 1876.

ZANON (ANTONIO) [1696–1770] Edizione completa degli scritti di Agricoltura arti e commercio di A. Zanon. 8 Vol. 8⁰. *Udine*, 1828–30.

ZANONI (BERNARDINO) [1533–1620] J. Zanonii rariorum Stirpium historia . . . ab ejusdem nepotibus ampliata, *&c.* *See* ZANONI (G.) fol. 1742.

ZANONI (GIACOMO) [1615–1682] Istoria Botanica . . . nella quale si descrivono alcune Piante degl' Antichi, da moderni con altri nomi proposte, e . . . con le virtù, e qualità della maggior parte di esse, *&c.* *pp.* [*xii,*] *211 : 80 pls.* fol. *Bologna*, 1675.
Contains some descriptions and figures furnished by Matthæus a S. Joseph. (*Cf.* Ray, "Historia Plantarum," Vol. II, 1688, p. 1924.)

Zanoni (GIACOMO) J. Zanonii rariorum Stirpium historia ex parte olim edita. Nunc centum plus tabulis ex commentariis auctoris ab ejusdem nepotibus [G. A., B., and G. Zanoni] ampliata opus universum digessit, Latine reddidit, supplevitque [with a life of the author] C. Montius. (De vita et scriptis Matthæi a S. Joseph brevis commentarius.) *pp.* [*xl,*] *246 : 185 pls., 1 port.* fol. *Bononiæ*, 1742.

ZANONI (GIACOMO) *the Younger.* J. Zanonii rariorum Stirpium historia . . . ab ejusdem nepotibus ampliata, *&c.* *See* ZANONI (G.) fol. 1742.

ZANONI (GIOVANNI ANDREA) J. Zanonii rariorum Stirpium historia . . . ab ejusdem nepotibus ampliata, *&c.* *See* ZANONI (G.) fol. 1742.

ZANONIUS (JACOBUS) *See* ZANONI (G.)

ZANTE. Zante. [By Ludwig Salvator, Archduke of Austria.] Allgemeiner Theil. *pp. xiv, 687 : text illust.* 4⁰. *Prag*, 1904.

—— Specieller Theil. *pp. ix, 449, 1 tab. : 1 pl., 6 maps col., text illust.* 4⁰. *Prag*, 1904.

ZANTEDESCHI (FRANCESCO) [1797–1873] Della elettricità degli stami e pistilli delle Piante esplorata all' atto della fecondazione e di una nuova classificazione delle linfe o succhi Vegetabili, *&c.* *pp. 56 : 1 pl.* 4⁰. *Padova*, 1853.

ZANZIBAR, *Protectorate.* — DEPARTMENT OF AGRICULTURE.
Annual Report, *&c.* 1901. *pp. 32.* 8⁰. *Zanzibar* [1902].

ZAPATER Y MARCONELL (BERNARDO) [1816? –1907] Flora Albarracinense, ó Catálogo de las Plantas de los Alrededores de Albarracín y su sierra. *pp. 50.* *See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Memorias, *&c.* Tom. II, mem. 6. 8⁰. 1904.

Zapater y Marconell (B.) & **Korb** (M.) Catálogo de los Lepidópteros de la provincia de Teruel, y especialmente de Albarracín y su sierra. *pp. 46.* 2 Pt. *pp. 103.* *See* MADRID.—REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Anales, *&c.* Tom. XII & XXI. 8⁰. 1883, 92.

ZAPPE (JOSEPH MARIA REDEMPTUS)
See ZAPPE (J. RUDOLPH)

ZAPPE (JOSEPH RUDOLPH) [1751–] Mineralogisches Hand-Lexicon. Oder alphabetische Aufstellung und Beschreibung aller bisher bekannten Fossilien . . . Zweite . . . Auflage. 3 Bd. 8⁰. *Wien*, 1817.
The first edition appeared in 1804.

ZARAGOZA. *See* SARAGOSSA.

ZARATE (AUGUSTIN DE) [-c. 1560] History of . . . Peru. *See* KERR (R.) A general . . . Collection of Voyages and Travels, *&c.* Vol. IV & V. 8⁰. 1824.

ZARĘCZNY (Stanisław Wawrzyniec) [1848–1909] Atlas Geologiczny Galicyi. Zeszyt III. *4 sh. col. & text. See* Galicia, *Austria.* s.sh. & 8⁰. 1891–94.

ZARUDNUIĬ (Nīkolaĭ Aleksyevīch) Ékskursiya po syevero-vostochnoĭ Persiī ī Ptītzui étoĭ stranui. [On an excursion through north-eastern Persia and on the Birds of that region.] *pp. 262. See* St. Petersburg.—Académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. x, no. 1. 4⁰. 1900.

Zarudnuiĭ (N. A.) Ptītzui Pskovskoĭ ghuberniī. [Birds of the Pskovskiĭ government.] *pp. 181 [1]. See* St. Petersburg. — académie impériale des sciences. Mémoires, *&c.* Sér. VIII, tom. xxv, no. 2. 4⁰. 1910.

ZAUSCHNER (Jean Baptiste Joseph) Bestimmung der Hundsart Krokute, und der Bärenart Saribur, samt deren Abbildung. *pp. 8 : 2 pls. col.* 4⁰. *Prag*, 1788.

ZAVADSKIĬ (Aleksandr Mīkhaĭlovīch) Razvītie rudīmentarnagho lichīnochnagho orghana prīkryepleniya u Sterlyadī.—Die Entwickelung des rudimentalen larvalen Haftapparates beim Sterlet (*Acipenser ruthenus*). *pp. 27 : text illust.* russ. *See* Kazan.—obshchestvo estestvoīspuitateleĭ, *&c.* Trudui, *&c.* Tom. xliv, vuip. 1. 8⁰. 1911.

ZAVALA (Amado Osorio y) *See* Osorio y Zavala.

ZAVATTARI (Edoardo) Catalogo delle Mutille del Museo Zoologico di Napoli. Con osservazioni critiche e sinonimiche e descrizione di nuove specie. *pp. 16 : 2 text illust. See* Naples.—regia università degli studi. Annuario del Museo Zoologico della . . . Università, *&c.* Nuova Serie, Vol. iii, no. 9. 4⁰. 1910.

Zavattari (E.) Catalogo degli Eumenidi del Museo Zoologico di Napoli. *pp. 6. See* Naples. — regia università degli studi. Annuario del Museo Zoologico della . . Università, *&c.* Nuova Serie, Vol. iii, no. 19. 4⁰. 1911.

ZÁVIŠKA (František) O průběhu hraničných čar totální reflexe u dvouosých krystallů. [On the course of the boundary line of total reflection in biaxial crystals.] *pp. 14. See* Prague.—Česká akademie císaře františka josefa, *&c.* Rozpravy . . . Třída II. Roč. xv, čís. 25. 8⁰. 1906.

ZAVŘEL (Jan) Untersuchungen über die Entwicklung der Stirnaugen (Stemmata) von *Vespa. pp. 36 : 3 pls., text illust. See* Prague. — koeniglich-boehmische gesellschaft der wissenschaften. Sitzungsberichte, *&c.* 1902, no. 13. 8⁰. 1903.

ZAWADZKI (Alexander) [1798–1868] Enumeratio Plantarum Galiciæ & Bucowinæ, oder die in Galizien und der Bukowina wildwachsenden Pflanzen mit genauer Angabe ihrer Standorte. *pp. xxiv, 200.* 8⁰. *Breslau*, 1835.

Zawadzki (A.) Flora der Stadt Lemberg, oder Beschreibung der um Lemberg wildwachsenden Pflanzen, nach ihrer Blüthezeit geordnet. *pp. xiv, 230.* 4⁰. *Lemberg*, 1836.

Zawadzki (A.) Fauna der Galizisch-Bukowinischen Wirbelthiere. Eine systematische Uebersicht der in diesen Provinzen vorkommenden Säugthiere, Vögel, Amphibien und Fische, mit Rücksicht auf ihre Lebensweise und Verbreitung. *pp. iii, 195.* 8⁰. *Stuttgart*, 1840.

ŻEBRAWSKI (Teofil Szeluta) [1800–1887] Owady Łuskoskrzydłe czyli motylowate z okolic Krakowa [The Lepidoptera of the neighbourhood of Cracow], *&c. pp. xiii, 354 : 12 pls.* 8⁰. *Krakowie*, 1860.

ZEBU, *Isle of.* [*Maps.*] Bosquejo Geológico de la Isla de Cebú (Archipielago Filipino) por E. Abella y Casariego. Escala 1 : 400,000 [*i.e.* 1 in. = 6¼ m. about]. *See* Spain.—*Instituto Geológico de España.* Boletín, *&c.* Tom. xiii. 8⁰. 1886.

ZEDDEL (Fr. C.) Beiträge zur Biblischen Zoologie. *pp. iv, 29.* 8⁰. *Quedlinburg und Leipzig*, 1836.

ZEDER (Johann Georg Heinrich) Erster Nachtrag zur Naturgeschichte der Eingeweidewürmer . . . mit Zusätzen und Anmerkungen herausgegeben von D. J. G. H. Zeder. *See* Goeze (J. A. E.) 4⁰. 1800.

Zeder (J. G. H.) Anleitung zur Naturgeschichte der Eingeweidewürmer, *&c. pp. xvi, 432 : 4 pls.* 8⁰. *Bamberg*, 1803.

ZEEUWSCH GENOOTSCHAP DER WETENSCHAPPEN (TE VLISSINGEN). *See* Middleburg.

ZEHLER (J. G.) Das Siebengebirge und seine Umgebungen nach den interessanteren Beziehungen dargestellt, *&c. pp. x, 266 : 7 pls.* 12⁰. *Crefeld*, 1837.

ZEHNTNER (Léo) & **Saussure** (H. L. F. de) [Blattidæ and Mantidæ of Central America.] *See* Godman (F. D.) & Salvin (O.) Biologia Centrali-Americana. Zoology. Orthoptera. Vol. i. 4⁰. 1893–94.

Zehntner (L.) & **Saussure** (H. L. F. de) Histoire naturelle des Orthoptères. Pt. 1. Blattides et Mantides. *See* Grandidier (A.) Histoire . . . naturelle . . . de Madagascar. Vol. xxiii. 4⁰. 1895.

Zehntner (L.) & **Saussure** (H. L. F. de) Myriapodes de Madagascar. *See* Grandidier (A.) Histoire . . . naturelle . . . de Madagascar. Vol. xxvii. 4⁰. 1902.

ZEIL-TRAUCHBURG (Karl von Waldburg) *See* Waldburg-Zeil-Trauchburg.

ZEILE (Jakob Friedrich) Ueber die männlichen Blüthen der Coniferen. Eine Inaugural-Dissertation . . . vorlegt J. F. Zeile, *&c. See* Mohl (H. von) 8⁰. 1837.

ZEILLER (Charles René) [1847–] Végétaux Fossiles du terrain Houiller de la France. *pp. 185 : 18 pls. See* France.—*Service de la Carte Géologique Détaillée.* Explication de la Carte, *&c.* Tom. iv, pt. 2. 4⁰. 1878, 79.

—— [Another issue.] 4⁰. *Paris*, 1880.

Zeiller (C. R.) Examen de la Flore Fossile des couches de charbon du Tong-King. *pp. 56 : 3 pls.* 8⁰. *Paris*, 1882. Ann. des Mines. Sér. viii, tom. ii.

Zeiller (C. R.) Notes sur la Flore Houillère des Asturies. *pp. 22. See* Lille.—société géologique du nord. Mémoires, *&c.* Tom. i, pt. 3. 4⁰. 1882.

Zeiller (C. R.) Notas acerca de la Flora Hullera de Asturias. [Translated from the French original in the "Mém. Soc. Géol. Nord." Tom. i.] *pp. 24. See* Spain. —*Instituto Geológico de España.* Boletín, *&c.* Tom. xi. 8⁰. 1884.

Zeiller (C. R.) Bassin Houiller de Valenciennes.—Description de la Flore Fossile. *See* France.—*Service de la Carte Géologique Détaillée.* [*Études sur Gîtes Minéraux.*] 4⁰. 1886, 88.

Zeiller (C. R.) O. Heer. Bibliographie . . . précédé d'une Notice Biographique par R. Zeiller. *See* Malloizel (G.) 8⁰. (1887.)

Zeiller (C. R.) Bassin Houiller et Permien d'Autun et d'Epinac. Fasc. II. Flore Fossile. Pt. 1. *See* FRANCE. —*Service de la Carte Géologique Détaillée.* [*Études des Gîtes Minéraux.*] 4⁰. 1890.

Zeiller (C. R.) Études sur la Flore Fossile des dépôts Houillers et Permiens des environs de Brive. *See* FRANCE. — *Service de la Carte Géologique Détaillée.* [*Études des Gîtes Minéraux.*] Bassin Houiller et Permien de Brive. Fasc. II. 4⁰. 1892.

Zeiller (C. R.) The Fossil Imprints of the Dover Coal Boring. *See* BRADY (F.) Dover Coal Boring, *&c.* 8⁰. [1892.]

Zeiller (C. R.) Étude sur la constitution de l'Appareil fructificateur des *Sphenophyllum. pp. 39 : 30 pls., text illust. See* PARIS.—SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Paléontologie. No. 11. 4⁰. 1893.

Zeiller (C. R.) Étude sur la Flore Fossile du bassin Houiller d'Héraclée (Asie Mineure). *pp. 91 : 6 pls., text illust. See* PARIS. — SOCIÉTÉ GÉOLOGIQUE DE FRANCE. Mémoires, *&c.* Paléontologie. No. 21. 4⁰. 1899 & 1901.

Zeiller (C. R.) Éléments de Paléobotanique. *pp. 421 : text illust.* 8⁰. *Paris*, 1900.

Zeiller (C. R.) Observations sur quelques Plantes Fossiles des Lower Gondwanas. *pp. 40 : 7 pls. See* INDIA.— *Geological Survey.* Palæontographica Indica, *&c.* New Series, Vol. II, pt. 1. 4⁰. 1902.

Zeiller (C. R.) Étude sur le *Lepidostrobus Brownii* (Unger) Schimper. *pp. 67 [2] : 14 pls., text illust. See* PARIS.—ACADÉMIE DES SCIENCES. Mémoires, *&c.* Tom. LII. 4⁰. 1914.

—— [Preprint.] 4⁰. *Paris*, 1911.

Zeiller (C. R.) & **Renault** (B.) [Fossil Flora of the Coal-measures of Commentry.] *See* FAYOL (H.) *& others.* Etudes sur le Terrain Houiller de Commentry, *&c.* Liv. II. 8⁰. & fol. 1888–90.

ZEIS (EDUARD) Beschreibung mehrerer kranker Knochen vorweltlicher Thiere, welche in dem Königlichen Naturaliencabinete zu Dresden aufbewahrt werden. *pp. 32.* 8⁰. *Leipzig*, 1856.

Zeis (E.) Ueber die Heilung des intracapsulären Schenkelhalsbruches durch Knochencallus, nebst Beschreibung zweier Präparate dieser Art. *pp. 34 : 2 pls. See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XXX, no. 5. 4⁰. 1864.

ZEISE (OSKAR) [1860–] Beitrag zur Kenntnis der Ausbreitung, sowie besonders der Bewegungsrichtungen des Nordeuropäischen Inlandeises in diluvialer Zeit. Inaugural-Dissertation, *&c. pp. 65 : text illust.* 8⁰. *Königsberg in Pr.*, 1889.

Zeise (O.) Die Spongien der Stramberger Schichten. *See* PALAEONTOGRAPHICA, *&c.* Supplement. Bd. II, abth. 8. 8⁰. 1897.

ZEITSCHRIFT DES FERDINANDEUMS. *See* INNSBRUCK.—FERDINANDEUM.

ZEITSCHRIFT DES VERBANDES DER ORNITHOLOGISCHEN VEREINE POMMERNS, *&c.* *See* ZEITSCHRIFT FUER ORNITHOLOGIE.

ZEITSCHRIFT FUER ACCLIMATISATION. *See* BERLIN.—ACCLIMATISATIONS VEREIN.

ZEITSCHRIFT FUER ANALYTISCHE CHEMIE. Herausgegeben von C. R. Fresenius ([and afterwards] H. Fresenius, W. Fresenius und E. Hintz). Jahrg. I→ 8⁰. *Wiesbaden*, 1862→

—— Autoren- und Sach-Register zu den Bänden I–X. (Jahrgang 1862–1871), *&c.* 8⁰. *Wiesbaden*, 1872.

—— —— zu den Bänden XI–XX. (Jahrgang 1872–1881), *&c.* 8⁰. *Wiesbaden*, 1881.

—— —— zu den Bänden 21–30 (Jahrgang 1882–1891), *&c.* 8⁰. *Wiesbaden*, 1894.

—— —— zu den Bänden 31–40 (Jahrgang 1892–1901), *&c.* 8⁰. *Wiesbaden*, 1903.

—— —— zu den Bänden 41–50 (Jahrgang 1902–11), *&c.* 8⁰. *Wiesbaden*, 1912.

ZEITSCHRIFT FUER ANATOMIE UND ENTWICKELUNGSGESCHICHTE . . . Herausgegeben von . . . W. His und . . . W. Braune. Bd. I & II.† 8⁰. *Leipzig*, (1875–) 1876–77.

United at this point with the "Archiv für Anatomie und Physiologie" [*q.v.*], of which it forms a section under the title of "Archiv für Anatomie und Entwickelungsgeschichte."

ZEITSCHRIFT FUER ANGEWANDTE MIKROSKOPIE. Herausgegeben von G. Marpmann. Bd. I–XIII, no. 11. 8⁰. *Leipzig*, 1895–1908.

ZEITSCHRIFT FUER ANORGANISCHE CHEMIE . . . herausgegeben von G. Krüss ([and afterwards] R. Lorenz, F. W. Küster, G. Tammann). Bd. I→ 8⁰. *Hamburg und Leipzig*, 1892→

—— Generalregister der Bände 1–50 (1892–1906), *&c.* 8⁰. *Hamburg & Leipzig*, 1908.

ZEITSCHRIFT FUER BOTANIK. Herausgegeben von L. Jost, F. Oltmanns, und Herrmann Graf zu Solms-Laubach. Jahrg. I→ *illust.* 8⁰. *Jena*, 1909→

ZEITSCHRIFT FUER CHEMIE. Kritische Zeitschrift für Chemie, Physik und Mathematik. Herausgegeben . . . von A. Kekulé, G. Lewinstein, F. Eisenlohr, M. Cantor. 1858. 8⁰. *Erlangen*, 1858.

[*Continued as :*]

—— für Chemie und die verwandten Wissenschaften und Disciplinen als Pharmacie, Technologie . . . und Mineralogie . . . herausgegeben von E. Erlenmeyer und G. Lewinstein. Jahrg. II. 8⁰. *Erlangen*, 1859.

[*Continued as :*]

Zeitschrift für Chemie und Pharmacie, Correspondenzblatt, Archiv und kritisches Journal . . . von E. Erlenmeyer und G. Lewinstein. Jahrg. III–VII. 8⁰. *Erlangen & Heidelberg*, 1860–1864.

Zeitschrift für Chemie, Archiv für das gesammte Gebiet der Wissenschaft . . . herausgegeben von H. Hübner ([and afterwards :] F. Beilstein ; R. Fittig.) Jahrg. VIII–XIV. (= Neue Folge, Bd. I–VII.)† 8⁰. *Göttingen & Leipzig*, 1865–71.

The second title — "Archiv für . Wissenschaft" — is omitted in Jahrg. X–XIV.

ZEITSCHRIFT FUER DIE ENTOMOLOGIE, herausgegeben von E. F. Germar. Bd. I–V.† 8⁰. *Leipzig*, 1839–44.

ZEITSCHRIFT FUER DIE GESAMMTEN NATURWISSENSCHAFTEN, *&c.* Bd. I–LIV. *See* HALLE.—NATURWISSENSCHAFTLICHER VEREIN FUER SACHSEN UND THUERINGEN. 8⁰. 1853–81.

ZEITSCHRIFT FUER DIE GESAMMTE ORNITHOLOGIE. Herausgegeben von . . . J. von Madarász. Jahrg. I–IV.† 8⁰. *Budapest*, 1884–88.

ZEITSCHRIFT FUER ENTOMOLOGIE.
See BRESLAU.—VEREIN FUER SCHLESISCHE INSEKTENKUNDE.

ZEITSCHRIFT FUER ETHNOLOGIE. Zeitschrift für Ethnologie und ihre Hülfswissenschaften . . . Herausgegeben von A. Bastian und R. Hartmann. Bd. I. 8⁰. *Berlin*, 1869.

[*Continued as :*]

Zeitschrift für Ethnologie. Organ der Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte . . . Herausgegeben von A. Bastian und R. Hartmann ([and afterwards] R. Virchow, A. Voss). (Verhandlung der Berliner Gesellschaft . . . Redigirt von R. Virchow.) Bd. II–XIX. 8⁰. *Berlin*, 1870–87.

There are supplementary parts to Bd. III, IX, X, XV–XVII.

ZEITSCHRIFT FUER GLETSCHERKUNDE, für Eiszeitforschung und Geschichte des Klimas . . . Organ der Internationalen Gletschercommission . . . Herausgegeben von E. Brückner. Vol. I–VI.† 8⁰. *Berlin*, 1906–12.

ZEITSCHRIFT FUER INDUKTIVE ABSTAMMUNGS- UND VERERBUNGSLEHRE . . . Redigiert von E. Baur. Bd. I→ *illust.* 8⁰. *Berlin*, (1908–) 1909→

ZEITSCHRIFT FUER KRYSTALLOGRAPHIE UND MINERALOGIE . . . Herausgegeben von P. Groth (und E. Kaiser). Bd. I→ 8⁰. *Leipzig*, 1877→

—— Repertorium der mineralogischen und krystallographischen Literatur vom . . . 1876 bis . . . 1885 und Generalregister der Zeitschrift . . . Band I–X, *&c.* 2 Pt. 8⁰. *Leipzig*, 1886.

—— —— 1885 bis . . . 1891 und Generalregister der Zeitschrift . . . Band XI–XX, *&c.* 2 Pt. 8⁰. *Leipzig*, 1893.

—— —— 1891 bis . . . 1897 und Generalregister der Zeitschrift . . . Band XXI–XXX, *&c.* 2 Pt. 8⁰. *Leipzig*, 1899–1900.

—— —— 1897 bis . . . 1902 und Generalregister der Zeitschrift . . . Bd. XXXI–XL, *&c.* 2 Pt. 8⁰. *Leipzig*, 1910.

—— Autorenregister (— Sachregister) zu Band I bis L, *&c.* 2 Pt. 8⁰. *Leipzig*, 1913→

ZEITSCHRIFT FUER MALAKOZOOLOGIE.
See MALAKOZOOLOGISCHE BLAETTER.

ZEITSCHRIFT FUER MINERALOGIE.
See NEUES JAHRBUCH FUER MINERALOGIE, *&c.*

ZEITSCHRIFT FUER MINERALOGIE, GEOLOGIE UND PALAEONTOLOGIE. Monatsschrift für Mineralien-, Gesteins- und Petrefaktensammler. Herausgegeben . . . von R. Zimmermann. Jahrg. I—III, no. 1 & 2. *illust.* 8⁰. *Rochlitz i. Sa.*, 1903–1906.

[*Continued as :*]

Zeitschrift für Mineralogie, Geologie und Paläontologie. Zentralorgan für Wissenschaft u. Praxis, für Sammler u. Liebhaber . . . Herausgegeben . . . von R. Zimmermann. Jahrg. I–III, no. 2.† *illust.* 8⁰. *Stuttgart*, 1907–09.

From January 1908 a monthly Supplement entitled "Die Mineralproduktion," *&c.* was issued with this work.

ZEITSCHRIFT FUER MORPHOLOGIE UND ANTHROPOLOGIE . . . herausgegeben von . . . G. Schwalbe. Bd. I–XIII. 8⁰. *Stuttgart*, 1899–1911.

Preceded by the "Morphologische Arbeiten." [*q.v.*]

ZEITSCHRIFT FUER NATURWISSENSCHAFTEN, *&c.* Bd. LV→ *See* HALLE.—NATURWISSENSCHAFTLICHER VEREIN FUER SACHSEN UND THUERINGEN. 8⁰. 1882→

ZEITSCHRIFT FUER OOLOGIE . . . Herausgegeben von G. Krause. Jahrg. I.† *illust.* 4⁰. *Stuttgart*, 1911.

ZEITSCHRIFT FUER ORNITHOLOGIE UND PRACTISCHE GEFLUEGELZUCHT. Zeitschrift des Verbandes der Ornithologischen Vereine Pommerns und Mecklenburgs . . . Herausgegeben und redigiert vom Vorstand des Stettiner Zweigvereins. Jahrg. I. 8⁰. *Stettin*, [1882–] 1883.

The title-page alone was issued in 1883.

[*Continued as :*]

Zeitschrift für Ornithologie und practische Geflügelzucht, Organ des Verbandes der ornithologischen Vereine Pommerns und Mecklenburgs . . . Herausgegeben und redigirt vom Vorstande des ornithologischen Vereins zu Stettin. Jahrg. II–XVII. 8⁰. *Stettin*, 1883–93.

ZEITSCHRIFT FUER PARASITENKUNDE. Herausgegeben von . . . E. Hallier und . . . F. A. Zürn. Bd. I–IV.† 8⁰. *Jena*, 1869–75.

ZEITSCHRIFT FUER PFLANZENKRANKHEITEN. Organ für die Gesamtinteressen des Pflanzenschutzes. Unter Mitwirkung (der Internationalen Phytopathologischen Kommission) . . . herausgegeben von . . . P. Sorauer. Bd. I→ 8⁰. *Stuttgart*, 1891→

The contributions from the "Internationale Phytopathologische Kommission" ceased with Bd. VIII, 1898.
With Bd. XVIII, 1908, four supplementary parts were issued forming Jahrg. I of the "Internationale Phytopathologische Dienst. Zeitschrift," *&c.*

ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE, STOCHIOMETRIE UND VERWANDTSCHAFTSLEHRE . . Herausgegeben von W. Ostwald und J. H. Van't Hoff. Bd. I→ 8⁰. *Leipzig*, 1887→

—— Namen- und Sachregister zu den Bänden I–XXIV, *&c.* 2 Bd. 8⁰. *Leipzig*, (1900–) 1903–04.

—— —— zu den Bänden XXV–L, *&c.* 2 Bd. 8⁰. *Leipzig*, (1909–) 1910–11.

—— —— zu den Bänden 51–75, *&c.* Lief. I→ 8⁰. *Leipzig*, 1914→

ZEITSCHRIFT FUER PHYSIOLOGIE . . Herausgegeben von F. Tiedemann, G. R. Treviranus und L. C. Treviranus. Bd. I–V.† 4⁰. *Heidelberg (& Leipzig)*, 1824–35.

ZEITSCHRIFT FUER PILZFREUNDE. Populäre Mitteilungen über essbare und schädliche Pilze . . . redigiert von O. Thüme. Jahrg. I & II.† 8⁰. *Dresden & Bodenbach*, [1882–] 1883–85.

ZEITSCHRIFT FUER PRAKTISCHE GEOLOGIE . . . mit besonderer Berücksichtigung der Lagerstättenkunde . . . herausgegeben von M. Krahmann. Jahrg. I→ 4⁰. *Berlin*, 1893→

For "General-Register . . . Jahrg. I–X (XI–XVII), 1893–1902 (1903–09)." *See* "Fortschritte der Praktischen Geologie . . . Von M. Krahmann." 4⁰. *Berlin*, 1903 (1910).
In Jahrg. XVIII–XX the "Bergwirtschaftliche Mitteilungen," *&c.* was included as a separately-paged supplement. Jahrg. I–III. [*q.v.*]

ZEITSCHRIFT FUER SYSTEMATISCHE HYMENOPTEROLOGIE UND DIPTEROLOGIE. Herausgegeben von F. W. Konow. Jahr. I–VIII, hft. 2.† 8⁰. *Teschendorf*, 1901–08.

The work was merged at this point in the "Deutsche Entomologische Zeitschrift," for which *See* BERLIN.

ZEITSCHRIFT FUER VULKANOLOGIE . . Herausgeber I. Friedländer, *&c.* Bd. I, hft. 1. 4⁰. *Berlin*, 1914.

Title from wrapper.

ZEITSCHRIFT FUER WISSENSCHAFTLICHE BOTANIK, von M. J. Schleiden und C. Nägeli. 4 Hft. [in 1 Vol.] 8⁰. *Zürich*, 1844–46.

ZEITSCHRIFT FUER WISSENSCHAFTLICHE INSEKTEN-BIOLOGIE.

Jllustrierte Wochenschrift für Entomologie . . . Offizielles Organ der Berliner Entomologischen Gesellschaft. Herausgegeben . . . von U. Lehmann. Bd. I & II. *illust.* (*col.*) 8⁰. *Neudamm*, 1896, 97.

[*Continued as :*]

Jllustrierte Zeitschrift für Entomologie . . . Herausgegeben . . von . . C. Schröder . . . und U. Lehmann. Bd. III. *illust.* 8⁰. *Neudamm*, 1898.

[*Continued as :*]

Jllustrierte Zeitschrift für Entomologie. Organ der "Allgemeinen Entomologischen Gesellschaft" . . . Herausgegeben . . . von . . . C. Schröder . . . und U. Lehmann. Bd. IV & V. *illust.* (*col.*) 8⁰. *Neudamm*, 1899, 1900.

[*Continued as :*]

Allgemeine Zeitschrift für Entomologie. Organ der "Allgemeinen Entomologischen Gesellschaft" . . . Herausgegeben . . . von . . . C. Schröder . . . und U. Lehmann. Bd. VI–IX. *illust.* 8⁰. *Neudamm*, 1901–1904.

[*Continued as :*]

Zeitschrift für Wissenschaftliche Insektenbiologie . . . Herausgegeben . . . von . . . C. Schröder ([and afterwards] H. Stickel). Bd. I→ *illust.* 8⁰. *Husum*, 1905→

ZEITSCHRIFT FUER WISSENSCHAFTLICHE MIKROSCOPIE UND FUER MIKROSKOPISCHE TECHNIK . . . Herausgegeben von . . . W. J. Behrens ([and afterwards] E. Küster). Bd. I–XXVII. 8⁰. *Braunschweig*, 1884–1910.

—— Register zu Band I bis X (Jahrgang 1884 bis 1893). 8⁰. *Braunschweig*, 1896.

—— Register II zu Band XI bis XX (Jahrgang 1894 bis 1903). 8⁰. *Leipzig*, 1904.

ZEITSCHRIFT FUER WISSENSCHAFTLICHE ZOOLOGIE herausgegeben von C. T. v. Siebold . . . und A. Kölliker ([and afterwards] E. Ehlers). Bd. I→ 8⁰. *Leipzig*, 1849→

There is a Supplement-Heft to Bd. VII entitled :—"Jahresbericht über die in den Jahren 1849–52 auf dem Gebiete der Zootomie erschienenen Arbeiten. Von. J. V. Carus. 1856."

—— Namen- und Sachregister über Bd. I–XV. Bearbeitet von . . . C. E. Klotz. 8⁰. *Leipzig*, 1868.

—— —— Bd. XVI–XXX u. Supplementbände XXV u. XXX. 8⁰. *Leipzig*, 1879.

—— —— Bd. XXXI–XLV. 8⁰. *Leipzig*, 1888.

—— —— Bd. XLVI–LX u. Supplementband LIII. 8⁰. *Leipzig*, 1898.

ZEITUNG FUER GEOGNOSIE, GEOLOGIE UND INNERE NATURGESCHICHTE DER ERDE, herausgegeben von C. Keferstein. Stück 1–11.† [in 2 Vol.] 8⁰. *Weimar*, 1826–31.

ZEITUNG FUER ZOOLOGIE, ZOOTOMIE UND PALAEOZOOLOGIE, herausgegeben von . . . E. D'Alton und . . . H. Burmeister. Bd. I, hft. 1–26.† 4⁰. *Leipzig*, 1848–49.

ZEJSZNER (LUDWIK) [–1871] Nowe lub niedokładnie opisane gatunki skamieniałości Tatrowych. [New and little-known described genera of Fossils from the Tatra Mts.] Pt. I. *pp. 32 : 4 pls.* 4⁰. *Warszawa*, 1846.

Contains :—
1. Rzut oka na skały warstwowe wchodzące do budowy Tatrów, i wzniesień od nich równoodległych. [A brief summary of the Rocks composing the Tatra Mts., and the trend of their strata.]
2. Opis nowych lub niedokładnie poznanych gatunków skamieniałości Tatrowych. [Description of new or little-known species of Fossils from the Tatra Mts.]

No. 1 was also published separately.

ZEKELI (FRIEDRICH LUC.) Die Gasteropoden der Gosaugebilde. *pp. 124. 24 pls. See* AUSTRIA-HUNGARY.—*Kaiserlich-Koenigliche Geologische Reichsanstalt.* Abhandlungen, *&c.* Bd. I, abth. II, no. 2. 4⁰. 1852.

Zekeli (F. L.) Kritische Bemerkungen über die von Herrn Zekeli beschriebenen Gasteropoden der Gosaugebilde in den Ostalpen. *See* REUSS (A. E. VON) 8⁰. [1854.]

ZELAROVICH (ANGELA) Primo manipolo d'Animali marini catturati da alcune reti a strascico nel Golfo di Catania. *pp. 17. See* CATANIA.—ACCADEMIA GIOENIA, *&c.* Atti, *&c.* Ser. V, vol. VI, mem. 21. 4⁰. 1913.

ZELEBOR (JOHANN) Säugethiere. *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59. Zoologischer Theil. Bd. I, no. 1. 4⁰. 1868.

ZÉLÉE, *French Corvette.* Voyage au Pôle Sud et dans l'Océanie sur les corvettes l'Astrolabe et la Zélée, exécuté . . . pendant . . . 1837–40, *&c. See* FRANCE. [*Voyages, &c.—Pôle Sud.*] 8⁰. & fol. 1842–54.

ZELINKA (CARL) Die Rotatorien der Plankton-Expedition. *See* HENSEN (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, *&c.* Bd. II, H. a. 4⁰. 1907.

ŽELÍZKO (JOHAN VRATISLAV) [1874–] O Křídovém útvaru okolí Pardubic a Přelouče. [On the Cretaceous formation in the neighbourhood of Pardubic and Přelouč.] *pp. 18. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1899, no. 18. 8⁰. 1900.

Želízko (J. V.) Příspěvky z Křídového útvaru okolí Železnice u Jičína. [Note on the Cretaceous formation in the neighbourhood of Železnice near Jičína.] *pp. 13. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1902, no. 30. 8⁰. 1903.

Želízko (J. V.) Nové příspěvky k poznání fauny pásma D-$d_{1\gamma}$ středočeského siluru. [Fresh contributions to a knowledge of the Fauna of the stage D-$d_{1\gamma}$ of the Silurian of central Bohemia.] *pp. 7. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1905, no. 11. 8⁰. 1905.

Želízko (J. V.) Problematické zkameněliny pásma D-$d_{1\gamma}$ spodního siluru ze středních Čech. [Problematic fossils from the stage D-$d_{1\gamma}$ of the Lower Silurian of Bohemia.] *pp. 4 : 2 pls., text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XIV, čís. 31. 8⁰. 1905.

Želízko (J. V.) Geologicko-palaeontologické poměry nejbližšího okolí Rožmitálu. [Geologico-palæontological relation of the immediate environs of Rožmitál.] *pp. 26 [1] : 2 pls. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XV, čís. 42. 8⁰. 1906.

Želízko (J. V.)
Spodní silur v okolí Radotína a Velké Chuchle. [On the Lower Silurian in the neighbourhood of Radotin and Gross Kuchelbad.] *pp. 8.*
Třetihorní uloženiny u Volyně v jižních Čechách. [Tertiary beds near Wolin in southern Bohemia.] *pp. 5: text illust.*
See PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1906, no. 3 & 23. 8⁰. 1907.

Želízko (J. V.) Diluvialní Fauna od Volyně v jižních Čechách. [Diluvial Fauna of Wolin in southern Bohemia.] *pp. 15: text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XVIII, čís. 9. 8⁰. 1909.

Želízko (J. V.) Předběžná zpráva o některých nových Pteropodech staršího palaeozoika středních Čech. [Preliminary note on some new Pteropoda (*Conularia, &c.*) from the older Palæozoic of central Bohemia.] *pp. 4. See* PRAGUE.—KOENIGLICH-BOEHMISCHE GESELLSCHAFT DER WISSENSCHAFTEN. Sitzungsberichte, *&c.* 1909, no. 16. 8⁰. 1910.

Želízko (J. V.) Nové příspěvky ke studiu Jineckého Kambria. [New contributions to the study of the Cambrian at Jinců.] *pp. 7: text illust. See* PRAGUE.—ČESKÁ AKADEMIE CÍSAŘE FRANTIŠKA JOSEFA, *&c.* Rozpravy . . . Třída II. Roč. XX, čís. 10. 8⁰. 1911.

ZELLER (ERNST ALBERT) Untersuchungen über die Einwirkung verschiedener Stoffe des organischen und unorganischen Reichs auf das Leben der Pflanzen. Eine Inaugural-Dissertation, welche . . . vorlegt E. A. Zeller. *See* SCHUEBLER (G.) 8⁰. 1826.

ZELLER (FRIEDRICH) Beiträge zur Kenntnis der Lettenkohle und des Keupers in Schwaben. Inaugural-Dissertation, *&c. pp. 134, 1 tab., 3 pls.* 8⁰. *Stuttgart*, 1907.
Neues Jahrbuch f. Mineralogie, *&c.* Beilage-Bd. XXV.

ZELLER (GUSTAV HERMANN VON) [1812–1884] [Algæ of the Arctic Regions.] *See* BREMEN.—GEOGRAPHISCHE GESELLSCHAFT. Die zweite Deutsche Nordpolarfahrt in . . . 1869 und 1870, *&c.* Bd. II. 8⁰. 1874.

ZELLER (PHILIPP CHRISTOPH) [1808–1883] [A series of Papers published in Oken's "Isis," 1839–48, with the author's manuscript notes, corrections and drawings.] 4⁰. [*Jena*, 1839–48.]

Zeller (P. C.) The natural history of the Tineina . . . By H. T. Stainton, assisted by Prof. Zeller, *&c.* 13 Vol. *See* STAINTON (H. T.) 8⁰. 1855–73.

Zeller (P. C.) Chilonidarum et Crambidarum genera et species. *pp.* [*iv*,] *54.* 4⁰. *Berolini*, 1863.

ZEMMRICH (JOHANNES) [1868–] Verbreitung und Bewegung der Deutschen in der Französischen Schweiz. *pp. 45: 1 map col. See* STUTTGART.—*Centralkommission fuer wissenschaftliche Landeskunde von Deutschland.* Forschungen, *&c.* Bd. VIII, hft. 5. 8⁰. 1894.

ZEMYATCHENSKIĬ (PETR ANDREEVICH) [1856–] Zhelyeznuiya rudui tzentral'noĭ chastī Evropeĭskoĭ Rossiī. (Yuzhnoĭ chastī Moskovskagho Kamennoughol'nagho basseĭna.) [Iron ores of the central portion of European Russia (southern part of the Moscow Coal basin).] *pp. 306: 1 pl. col. See* ST. PETERSBURGH.—SANKTPETERBURGHSKOE OBSHCHESTVO ESTESTVOĪSPUITATELEĬ. Trudui, *&c.* Tom. XX, Otdyel. Gheol. ī Mīneral. 8⁰. 1889.

Zemyatchenskiĭ (P. A.) Otchet o gheologhīcheskikh ī pochvennuikh īzslyedovaniyakh proīzvedennuikh v Borovīchskom uyezdye, *&c.* — Untersuchungen über Geologie und Bodenverhältnisse im Kreise Borowitschi. *pp. 100: 2 maps geol. col. See* RUSSIA.—*Comité Géologique.* Trudui, *&c.* Vol. VII, no. 3. 4⁰. 1899.

ZENDRINI (JOHANNES M.) Nonnulla de Hirudinibus dissertatio inauguralis . . . auspice . . . J. M. Zendrini, *&c. See* DOMINICUS (S.) 8⁰. 1841.

ZENETTI (PAUL) Der geologische Aufbau des Bayerischen Nord-Schwabens und der angrenzenden Gebiete. *pp. viii, 143: 1 map geol. col.* 8⁰. *Augsburg*, 1904.

ZENGHER (NĪKOLAĬ KARLOVĪCH) [1862–] [For official reports as Secretary of the Museum Committee] *See* MOSCOW. — MOSKOVSKIĬ MUZEĬ PRĪKLADNUIKH ZNANIĬ.

ZENKER (E.) & **others.** Handwörterbuch der Chemie und Physik. Von E. Zenker, *&c. See* AUGUST (E. F.) *& others.* 8⁰. 1850.

ZENKER (FRIEDRICH ALBERT VON) [1825–1898] Ueber den *Cysticercus racemosus* des Gehirns. *See* BRUNN (A. VON). Beiträge zur Anatomie und Embryologie als Festgabe J. Henle, *&c.* 4⁰. 1882.

ZENKER (GUSTAVUS FRIDERICUS GUILELMUS) [1829–] De natura sexuali generis Cypridis. Dissertatio inauguralis zoologica, *&c. pp. 31: 1 pl.* 8⁰. *Berolini*, 1850.

ZENKER (JONATHAN CARL) [1799–1837] Batrachomyologia. Dissertatio inauguralis anatomico-physiologica myologiam Ranarum Thuringicarum exhibens comparatam, *&c. pp. viii, 50: 2 pls.* 4⁰. *Jenæ*, 1825.

Zenker (J. C.) Die Pflanzen und ihr wissenschaftliches Studium überhaupt. Ein botanischer Grundriss, *&c. pp. xii, 278.* 8⁰. *Eisenach*, 1830.

Zenker (J. C.) De Gammari pulicis, Fabr., historia naturali atque sanguinis circuitu commentatio. *pp. viii, 28: 1 pl.* 4⁰. *Jenæ*, 1832.

Zenker (J. C.) Beiträge zur Naturgeschichte der Urwelt.—Organische Reste (Petrefacten) aus der Altenburger Braunkohlen-Formation, dem Blankenburger Quadersandstein, Jenaischen bunten Sandstein und Böhmischen Uebergangsgebirge. *pp. 67: 6 pls. col.* 4⁰. *Jena*, 1833.

Zenker (J. C.) Plantæ Indicæ quas in montibus Coimbaturicis cœruleis, Nilagiri s. Neilgherries dictis, collegit . . . B. Schmid. Illustravit J. C. Zenker. Decas I & II. *pp. 22: 20 pls. col.* fol. *Jena & Paris*, 1835 [–37].

Zenker (J. C.) Ad orationem audiendam . . . Inest: de primis Animalium Vertebratorum et potissimum Amphibiorum in terræ stratis vestigiis prolusio. *pp. 20: 1 pl. col.* 4⁰. *Ienæ*, 1836.

Zenker (J. C.) Historisch-topographisches Taschenbuch von Jena und seiner Umgebung, besonders in naturwissenschaftlicher u. medicinischer Beziehung. Herausgegeben . . . von J. C. Zenker. *pp. x, 338: 1 pl., 1 map.* 8⁰. *Jena*, 1836.
Contains, *inter alia* :—
Pt. II, 1. Topographisches. Von E. Schmid.
3. Mineralien und Gewässer. Von G. Suckow.
4. Protogæa Jenensis. } Vom Herausgeber.
5. Flora Jenensis. } Vom Herausgeber.
6. Fauna Jenensis. } Vom Herausgeber.

Zenker (J. C.) Naturgeschichte schädlicher Thiere. Versuch einer naturhistorischen Darstellung der für Oekonomie, Gärtnerey und Forstwirthschaft wichtigsten schädlichen Thiere Deutschlands, nebst den zweckmässigsten Mitteln zu ihrer Vertilgung oder Vertreibung. *pp. xxviii, 406 : 16 pls. col.* 8⁰. *Leipzig*, 1836.
Extracted from the "Allgemeine Encyklopädie der Gesammten Land- und Hauswirthschaft der Deutschen."

Zenker (J. C.) & **others.** [Flora von Thüringen und den angrenzenden Provinzen. Herausgegeben von J. K. Zenker ([and afterwards] D. F. L. Schlechtendal und C. E. Langethal). Mit den nach der Natur gefertigten Originalzeichnungen von . . . E. Schenk. 8⁰. *Jena*, 1836–55.]
Wanting.
Issued in Hefte each containing 10 plates with corresponding (unpaged) text, in the order in which material became available.
Hft. 1–15 (1836–38) were by Zenker and Schenk; Hft. 16–73 (1838–46) by Schlechtendal and Schenk; Hft. 74–125 (1847–52) by Schlechtendal, Langethal and Schenk; the work being completed by them apparently in 1855 in about 145 Hft. and formed into 13 Vol.

—— [Another edition.] 12 Vol. *1444 pls. col., with descriptive letterpress.* 8⁰. *Jena*, 1855.
Consists of a re-issue of the original plates and text re-arranged in systematic order, with new titles and contents.

ZENKER (W.) *See* ZENKER (G. F. G.)

ZENNECK (LUDWIG HEINRICH) [1779–1859] Flora von Stuttgart . . . Sichtbar blühende Pflanzen. *pp. x, 55 : 1 pl.* 4⁰. *Stuttgart*, 1822.

Zenneck (L. H.) Oekonomische Flora, oder: Systematisch-tabellarische Beschreibung von 1,000 fast überall in Deutschland wildwachsenden ökonomischen und andern sichtbar blühenden Pflanzen, *&c. pp. x, 55 : 1 pl.* 4⁰. *Stuttgart*, 1822.

ZENO (ANTONIO) [–1405] The discouerie of the Iles of Frisland, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 7. 8⁰. 1850.

—— [Another edition, edited by R. H. Major.] No. 50. 8⁰. 1873.

ZENO (CATERINO) Travels in Persia. *See* HAKLUYT SOCIETY. Works, *&c.* No. 49. Travels to Tana & Persia, *&c.* 8⁰. 1873.

ZENO (J.) [Abhandlungen von Versteinerungen, welche bey Prag gefundenen werden. *illust.* 8⁰. *Prag*, 1769.]
The above, cited by Engelmann, "Bibl. Hist.-Nat." I, 1846, p. 608, appears to be an invented title, and perhaps points to papers published by Franz Zeno in the "Neue Physicalische Belustigung," Bd. I & II, 1770–71 [*q.v.*].

ZENO (NICOLÒ) [–*c.*1395] The discouerie of the Iles of Frisland, *&c.* *See* HAKLUYT SOCIETY. Works, *&c.* No. 7. 8⁰. 1850.

—— [Another edition, edited by R. H. Major.] No. 50. 8⁰. 1873.

ZENO (NICOLÒ) *the Younger* [1515–1565] The discouerie of the Iles of Frisland . . . made by M. Nicolas Zeno . . . and M. Antonio his brother. [Compiled from letters by N. Zeno the Younger.] *See* HAKLUYT SOCIETY. Works, *&c.* No. 7. 8⁰. 1850.

—— [Another edition, edited by R. H. Major.] No. 50. 8⁰. 1873.

ZENONI (GOTTARDO MARIA) Memorie storiche fisiche critiche sul Terremoto. *pp.* [*v*,] *158* [*1*]. 8⁰. *Cremona*, 1783.

ZEPHAROVICH (VICTOR LEOPOLD VON) [1830–1890] Mineralogisches Lexicon für das Kaiserthum Oesterreich. [1790–1857 & 1858–72.] 2 Bd. 8⁰. *Wien*, 1859–73.

—— III Bd. enthaltend die Nachträge aus . . . 1874–1891 und die General-Register . . . bearbeitet von F. Becke, *&c.* 8⁰. *Wien*, 1893.

Zepharovich (V. L. VON) Krystallographische Studien über den Idokras. 8⁰. [*Wien*, 1864.]
Sitzungsb. k. Akad. Wissensch. Wien. Bd. XLIX, *pp. 6–134 : 13 pls.*

ZERLANG (OTTO ERNST) Entwicklungsgeschichtliche Untersuchungen über die Florideengattungen *Wrangelia* u. *Naccaria.* *pp. 37 : 1 pl.* 8⁰. *Marburg*, 1889.

ZERNOV (SERGHYEĬ ALEKSYEVĪCH) K voprosu ob izucheniĭ Zhīznī Chernagho Morya. [Biological investigations in the Black Sea.] *pp. 299 : 8 pls., 2 maps (col.), text illust.* *See* ST. PETERSBURG. — ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, *&c.* Sér. VIII, vol. XXXII, no. 1. 4⁰. 1913.

ZERRENNER (CARL MICHAEL) [1818–1878] De Adamante dissertatio, *&c.* *pp. 20.* 8⁰. *Lipsiæ*, 1850.

Zerrenner (C. M.) Anleitung zum Gold-, Platin- und Diamanten-Waschen aus Siefengebirge, Ufer- und Flussbett-Sand, unter Voraussendung einer geognostischen Charakteristik des die genannten Mineralien führenden Siefengebirges und einer Zusammenstellung verschiedenen Gegenden der Erde. *pp. ciii, 28 : 3 pls.* 4⁰. *Leipzig*, 1851.

Zerrenner (C. M.) Die Braunstein- oder Manganerz-Bergbaue in Deutschland, Frankreich und Spanien, *&c.* *pp. xii, 186 : 2 pls.* 8⁰. *Freiberg*, 1861.

Zerrenner (C. M.) Eine mineralogische Excursion nach Halle an der Saale. *pp. 19.* 8⁰. *Leipzig*, 1869.

Zerrenner (C. M.) Mineralogische Nachrichten . . . Erste Reihe.† *pp. vi, 43 : 1 pl.* 8⁰. *Leipzig*, 1869.
Reprinted with additions, including the illustrations, from "Berg- & Hüttenmänn. Zeitung," Jahrg. XXVIII.

ZETTER (JOHANN THEOPHIL MAX) Salzburg's Fische. Vorwort zu der Fisch-Sammlung des Herrn J. Aigner . . . Von J. T. M. Zetter. *See* SALZBURG. — STAEDTISCHES MUSEUM CAROLINO AUGUSTEUM. Jahresbericht . . . für . . . 1859. Anhang c. 4⁰. 1859.

ZETTERMAN (ARTHUR JOHAN) & **Brander** (A. E.) Bidrag till Sydvestra Finlands Flora. *pp. 29.* 8⁰. [*Helsingfors*, 1867.]
Notiser Sällsk. Fauna & Flora Fennica Förhandl. Hft. VII.

ZETTERSTEDT (GUSTAVUS VILHELMUS) Monographia Cortinariorum Sueciæ, cujus partem quintam . . . p. p. G. V. Zetterstedt, *&c.* *See* FRIES (E. M.) 8⁰. 1851.
Also issued as part of Fries' 'Monographia Hymenomycetum Sueciæ,' *&c.* [*q.v.*]

ZETTERSTEDT (JOHAN EMANUEL) [1828–1880] Dispositio Muscorum Frondosorum in Monte Kinnekulle nascentium, *&c.* 4 Pt. 8⁰. *Upsaliæ*, 1854.
Præses: J. E. Areschoug. *Respondentes:* Pt. I, Auctor, J. E. Zetterstedt; Pt. II, E. G. Blomberg; Pt. III, C. A. Adlers; Pt. IV, G. E. Ahlm.
A "Supplementum" was published in the "Öfversigt k. Svensk. Vet.-Akad. Förhandl." Stockholm, Årg. XXXIV, 1877, no. 2, pp. 57–80.

Zetterstedt (JOHAN E.) Plantes Vasculaires des Pyrénées principales. *pp. lvii, 330 : 1 map.* 8⁰. *Paris*, 1857.

Zetterstedt (JOHAN E.) Revisio Grimmiearum Scandinaviæ, *&c.* *pp. 139* [*2*]. 8⁰. *Upsaliæ*, 1861.

Zetterstedt (JOHAN E.) Om Växtgeographiens studium, *&c.* *pp. 48.* 8⁰. *Upsala*, 1863.

Zetterstedt (JOHAN E.) Pyreneernas Mossvegetation i Luchons omgifningar, *&c.* *pp. 51.* *See* STOCKHOLM. —KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. V, no. 10. 4⁰. 1864 (1866).

Zetterstedt (Johan E.) Om Vegetation i de högländtaste trakterna af Småland. *pp. 37. See* Stockholm. —Kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. vi, no. 2. 4⁰. 1867.

Zetterstedt (Johan E.) Musci et Hepaticæ Œlandiæ, *&c. pp. 47. See* Upsala. — Kongliga vetenskaps-societeten. Nova Acta, *&c.* Ser. III, vol. vii, no. 1. 4⁰. 1869.

Zetterstedt (Johan E.) Musci et Hepaticæ Finmarkiæ circa sinum Altensem crescentes, *&c. pp. 42. See* Stockholm. — Kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xiii, no. 13. 4⁰. 1876.

Zetterstedt (Johan E.) Musci et Hepaticæ Gotlandiæ, *&c. pp. 42. See* Stockholm. — Kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xiii, no. 14. 4⁰. 1876.

Zetterstedt (Johan E.) Florula Bryologica montium Hunneberg et Halleberg, *&c. pp. 35. See* Stockholm. —Kongliga svenska vetenskaps-akademien. Handlingar. Ny Följd, Bd. xv, no. 1. 4⁰. 1877.

Zetterstedt (Johan E.) Vegetationen på Visingsö, *&c. pp. 86. See* Stockholm.—Kongliga svenska vetenskaps-akademien. Bihang till... Handlingar. Bd. v, no. 7. 8⁰. 1878.

Zetterstedt (Johan E.) & **Björnström** (F. J.) Monographiæ Andreæarum Scandinaviæ tentamen, *&c. pp. 56.* 8⁰. *Upsaliæ*, 1855.

ZETTERSTEDT (Johan Wilhelm) [1785 - 1874] Dissertatio botanica de Plantis Cibariis Romanorum ... subjicit J. W. Zetterstedt, *&c.* [Pt. i.] *See* Retzius (A. J.) 4⁰. [1808.]

Zetterstedt (Johan W.) Dissertatio de fœcundatione Plantarum, *&c.* 3 Pt. *pp. 22, 42.* 4⁰. *Lundæ*, [1810-] 1812.

Pt. i.	Præses J. W. Zetterstedt.	Resp. G. Wallenberg.	[1810].
,, ii.	,, ,, ,,	,, L. F. Westman.	1812.
,, iii.	,, ,, ,,	,, I. Twist.	1812.

The pagination of Pt. ii & iii is continuous.

Zetterstedt (Johan W.) Orthoptera Sveciæ disposita et descripta. *pp. 132.* 8⁰. *Lundæ*, 1821.

Zetterstedt (Johan W.) Resa genom Sweriges och Norriges Lappmarker, förrättad år 1821. 2 Dln. *illust.* 8⁰. *Lund*, 1822.

Zetterstedt (Johan W.) Fauna Insectorum Lapponica ... Pars i. *pp. xx, 563.* 8⁰. *Hammone*, 1828.

Zetterstedt (Johan W.) Resa genom Umeå Lappmarker i Vesterbottens Län, förrättad år 1832. *pp. xviii, 398 : 1 pl., 2 maps.* 8⁰. *Örebro*, 1833.

Zetterstedt (Johan W.) [Conspectus Plantarum in Horto Botanico et Plantatione Universitatis Lundensis præcipue annis 1834-37 obviarum, *&c. pp. [ii,] 109.* 8⁰. *Lundæ*, 1838.]

Wanting the title-page.

Zetterstedt (Johan W.) Insecta Lapponica. *coll. 1140.* 4⁰. *Lipsiæ*, 1840.

Printed in double column.
The "Præfamen" is dated 1837.

Zetterstedt (Johan W.) Diptera Scandinaviæ disposita et descripta. 14 Tom. [in 7.] *pp. xvi, 6609.* 8⁰. *Lundæ*, 1842-60.

ZETTERSTRÖM (Carolus) Museum naturalium Academiæ Upsaliensis, cujus part. xviii ... subjicit C. Zetterström. *See* Thunberg (C. P.) 4⁰. [1794.]

ZEUNE (August) [1778-1853] Ueber Basaltpolarität. *pp. 82 : 1 pl.* 8⁰. *Berlin*, 1809.

ZEUSCHNER (Ludwig) *See* Zejszner (Ludwik)

ZEYHER (Carl Ludwig Philipp) [1799-1858] & **Ecklon** (C. F.) Enumeratio Plantarum Africæ australis extratropicæ, *&c. See* Ecklon (C. F.) & Zeyher (C. L. P.) 8⁰. 1835-36.

ZEYHER (Johann Michael) [1770-1843] Verzeichniss der sämmtlichen Gewächse in dem ... Garten zu Schwetzingen. Herausgegeben von ... Zeyher. *pp. 207.* 8⁰. (*Schwezingen*) 1818.

Zeyher (J. M.) & **Roemer** (G. C.) Beschreibung der Gartenanlagen zu Schwetzingen. (Verzeichniss sämmtlicher Bäume, Glas- und Treibhauspflanzen des Schwetzinger-Gartens.) *pp. viii, 96 (94) : 9 pls., 1 plan.* 8⁰. *Mannheim*, 1809.

ZEYSS (Johann Heinrich Wilhelm) Versuch einer Geschichte der Pflanzenwanderung. i. Stück. *pp. 22.* 4⁰. *Gotha*, 1855.

Progr. Herzogl. Realgymnas. Gotha.

ZEZI (Gian Pietro) [1844-] The Travertine and the Acque Albule in the neighbourhood of Tivoli. *See* Lavis (H. J. J.) The South Italian Volcanoes. 4⁰. 1891.

ZHELYEZNOV (Nikolaĭ Ivanovich) O razvitii tzvyetka i yaichka v rasteniĭ [On the development of the flower and ovule of] *Tradescantia virginica*, L. *pp. iii, 45 : 2 pls.* 8⁰. *Sanktpeterburgh*, 1840.

Zhelyeznov (N. I.) O proiskhozhdeniĭ zaroduisha i teoriyakh proizrozhdeniya Rasteniĭ. [On the origin of the ovule, with a theory of the origin of Plants.] *pp. 34 [3] : 1 pl.* 8⁰. *S. Peterburgh*, 1842.

ZHITETZKIĬ (Ir. A.) Astrakhanskie Kalmuiki. [On the Kalmucks of Astrakhan.] *pp. 214 : 10 pls. (col.) See* Astrakhan.—Petrovskoe obshchestvo izslyedovateleĭ astrakhanskagho kraya. Sbornik trudov chlenov, *&c.* 8⁰. 1892.

ZHUIOVIĆ (Iovan M.) [1856-] Note sur les roches éruptives et métamorphiques des Andes. *pp. 19, 1 tab.* 8⁰. *Belgrade*, 1880.

Zhuiović (I. M.) Kratki preghled istorije Mineraloghije. [A brief Introduction to Mineralogy.] *pp. [ii,] 71.* 8⁰. *Beoghrad*, 1883.

Zhuiović (I. M.) Prilozi za Paleoetnologhiju Srpskikh zemal'a. [Contributions to the Palæo-ethnology of Servia.] *pp. 7 : 2 pls.* 8⁰. [*Belgrade* ? post 1883.]

Starinar. Ghod. iii.

Zhuiović (I. M.) [Osnovi za Gheologhiju Kral'evine Srbije. (A sketch of the Geology of the Kingdom of Servia.) 8⁰. *Beoghrad*, 1884.]

Wanting.

—— Drugho izdan'e. [Second edition.] *pp. 130 : 1 map geol. col.* 8⁰. *Beoghrad*, 1888.

Gheol. Anal. Balkan. Poluost. Kn'. i.

Zhuiović (I. M.) Les Roches des Cordillères. *pp. 75 : 2 pls.* 4⁰. *Paris*, 1884.

Zhuiović (I. M.) Ghrag'a za Gheologhiju kral'evine Srbije. [Data towards the Geology of the Servian Kingdom.] 3 Pt. 8⁰. *Beoghradu*, 1884-85.

Zhuiović (I. M.) Nove Petroghrafske fele. [On new Petrographical Species.] *pp. 14.* 8⁰. *Beoghradu*, 1885.

Glas. Srpsk. Uchen. Drut. Beoghrad. Kn'. lx.

Zhuiovīć (I. M.) Geologische Uebersicht des Königreiches Serbien. *pp. 56 : 1 map col.* 4⁰. *Wien*, 1886.

Zhuiovīć (I. M.) Bibliōghrafīia za Gheologhīiu Balkanskogh Poluostrova . . . I. 1886. Bibliographie géologique de la presqu'île des Balkans. I. 1886. *pp. 12.* 4⁰. *Beoghrad*, 1888.

Servian and French in parallel columns.

Zhuiovīć (I. M.) Gheoloshkī Analī Balkanskogha Poluostrova . . . Annales Géologiques de la Péninsule Balkanique dirigées par J. M. Žujović. Tom. I→ *See* BELGRADE.—INSTITUT GEOLOGIQUE. 8⁰. 1889→

Zhuiovīć (I. M.) Petrografīia. 2 Pt. *pp. 6, 213.* 8⁰. *Beoghrad*, 1889, 95.

Zhuiovīć (I. M.) Les Lamprophyres de Serbie. *pp. 33 : 2 pls. col.* 8⁰. *Beoghrad*, 1890.

Gheol. Anal. Balkan. Poluost. Kn'. II, drugh. 2.

Zhuiovīć (I. M.) Kameno Doba. [On the Stone Age.] *pp. 207 : text illust.* 8⁰. *Beoghradu*, 1893.

Zhuiovīć (I. M.) Gheologhīia Srbīie, *&c.* 2 Pt. *illust.* [Geology of Servia, *&c.*] 4⁰. *Beoghrad*, 1893, 1900.

Zhuiovīć (I. M.) & **Baltrovīć** (M.) Staro Selīshte u Baraievu. [Ancient sites at Baraiev.] *pp. 17 : text illust.* 8⁰. *Beoghradu*, 1891.

Starīnar. Ghod. VIII.

ZICHY (JENÖ) *Count* [1837–1906] Zichy J. Gróf. Harmadik Ázsiai Utazása, *&c.*—Dritte Asiatische Forschungsreise des Grafen E. Zichy. Bd. II. Zoologische Ergebnisse.—Redigirt von . . . G. Horváth. *pp. xli, 470 : 28 pls. (col.), text illust.* 4⁰. *Budapest & Leipzig*, 1901.

HUNG. and either GERM., or FR., or LAT. in parallel columns.

Contains :—
- Vorwort [by E. Zichy].
- Einleitung [by G. Horváth].
- Reiseskizze [by E. Csiki].
- Säugethiere, von L. Méhely.
- Vögel, von J. Madarász.
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- Coleopteren, von E. Csiki.
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- Dipteren, von K. Kertész.
- Neuropteroïden, von F. Klapálek.
- Orthoptères, par I. Bolívar [y Urrutia].
- Hemiptera, conscripsit G. Horváth.
- Myriopoden, von C. Graf Attems.
- Arachnoidea, conscripsit V. Kulczyński.
- Isopodes, par A. Dollfus.
- Mikroskopische Süsswasserthiere, von E. Daday.

ZICKENDRATH (ERNST) Der Kersantit von Langenschwalbach in Nassau. Inaugural-Dissertation, *&c.* *pp. iv, 32.* 8⁰. *Würzburg*, 1875.

Verhandl. phys.-med. Gesell. Würzburg. N.F., Bd. x, 1876.

ZIEGLER (ERNST ALBRECHT) [1849–1905] Können erworbene pathologische Eigenschaften vererbt werden und wie entstehen erbliche Krankheiten und Missbildungen? *pp. 44.* 8⁰. *Jena*, 1886.

Beiträg. Pathol. Anat. & Physiol. Bd. I.

ZIEGLER (HEINRICH ERNST) [1858–] Die Entstehung des Blutes der Wirbelthiere. *pp. 12 : text illust. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Bericht, *&c.* Bd. IV, hft. 5. 8⁰. 1889.

Ziegler (H. E.) Ueber das Verhalten der Kerne im Dotter der meroblastischen Wirbelthiere. *pp. 18 : text illust. See* FREIBURG-IN-BREISGAU.—NATURFORSCHENDE GESELLSCHAFT. Berichte, *&c.* Bd. VIII. 8⁰. 1894.

Ziegler (H. E.) Der Begriff des Instinctes einst und jetzt. *See* ZOOLOGISCHER JAHRBUECHER, *&c.* Suppt.-Bd. VII. 8⁰. 1904.

Ziegler (H. E.) Die ersten Entwickelungsvorgänge des Echinodermeneies, insbesondere die Vorgänge am Zellkörper. *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT, *&c.* Denkschriften, *&c.* Bd. XI. 4⁰. 1904.

ZIEGLER (JAKOB MELCHIOR) [1801–1883] [Sammlung absoluter Höhen der Schweiz und der angrenzenden Gegenden der Nachbarländer, als Ergänzung der Karte in Reduction von 1 : 380,000.—Hypsométrie de la Suisse, *&c.* 8⁰. *Zürich*, 1853.]

Wanting.

—— [Another edition entitled.] J. M. Ziegler : Erläuterungen zur dritten Karte der Schweiz sammt Register für diese und die Hypsometrie der Schweiz.—Eclaircissements de la troisième Carte de la Suisse . . . 4ᵉ. édition. *pp. x, 131 [1].* 8⁰. *Winterthur*, 1866.

Ziegler (J. M.) Physical map of the Island of Madeira . . . Scale 1 : 100,000 [*i.e.* 1 in. = 1½ m. about], *&c.* *See* MADEIRA, *Island of.* [*Maps.*] s.sh. [1856.]

Ziegler (J. M.) Ueber die neuesten Reisen und Entdeckungen in Inner-Afrika. [By J. M. Ziegler.] *pp. 35 : 1 pl. col., 1 map. See* ZURICH.—NATURFORSCHENDE GESELLSCHAFT. An die Zürcherische Jugend, *&c.* Stück LXI. 4⁰. 1859.

Ziegler (J. M.) Geological Map of the World by J. Marcou. Constructed by J. M. Ziegler. Scale 1 : 23,000,000 [*i.e.* 1 in. = 363 m. about]. *See* WORLD. [*Maps.*] 8 sh. *col.* 1861.

Ziegler (J. M.) Die Mineralquelle Pfäfers. [Attributed in a manuscript note to J. M. Ziegler, and in the Society's "Generalregister" to G. v. Escher (?)] *See* ZURICH.—NATURFORSCHENDE GESELLSCHAFT. An die Zürcherische Jugend, *&c.* Stück LXIII. 4⁰. 1861.

Ziegler (J. M.) Ueber das Verhältniss der Topographie zur Geologie bei Darstellung von Gebirgskarten in grösserem Maassstabe . . . Text zur Karte des Unter-Engadin's, *&c.* *pp. vi, 43 : 6 pls., 1 map geol. col.* 4⁰. *Winterthur*, 1869.

—— 2te . . . Auflage. (Anhang zum Texte der topographischen Karte von Ober- und Unter-Engadin . . . Von J. Caviezel.) *pp. viii, 119 (7) : 19 pls.* 4⁰. *Zürich (Winterthur)*, 1876.

Wanting the Atlas with 3 geol. maps.

Ziegler (J. M.) Ein geographischer Text zur geologischen Karte der Erde. *pp. xvi, 313 ; text illust. : Atlas, 7 pls. col., 9 maps col.* 8⁰. & 4⁰. *Basel*, 1883.

ZIEGLER (LOUIS) Die officinellen Gewächse in tabellarischer Uebersicht nach dem künstlichen und natürlichen Systeme geordnet, *&c.* *pp. 42.* 4⁰. *Hannover*, 1845.

ZIEGLER-STEINER (JACOB MELCHIOR) *See* ZIEGLER (J. M.)

ZIEGRA (CHRISTIANUS SAMUEL) Disputatio physica de Morte Plantarum, quam . . . sub præsidio M. C. S. Ziegra . . . exponit M. J. B. Reising, *&c.* [*pp. 16.*] 4⁰. [*Wittemberg* ? 1680.]

ZIEHEN (THEODOR) [1862–] & **Kuekenthal** (W.) Ueber das Centralnervensystem der Cetaceen, nebst Untersuchungen über die vergleichende Anatomie des Gehirns bei Placentaliern. *See* JENA.—MEDICINISCH-NATURWISSENSCHAFTLICHE GESELLSCHAFT. Bd. III, thl. 1. 4⁰. 1889.

ZIERVOGEL (SAMUEL) Dissertatio medico-botanica, sistens Rhabarbarum, quam . . . sistit S. Ziervogel, *&c.* *See* LINNÆUS (C.) [*Theses & Orations.*] 4⁰. [1752.]

—— [Another edition.] *See* LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates, *&c.* Vol. III, no. 40. 8⁰. 1756.

—— —— [Reprint.] 8⁰. 1764.

—— —— Editio Secunda, *&c.* 8⁰. 1787.

ZIETEN (Carl Hartwig von) [1785-1846] Die Versteinerungen Würtembergs, oder naturgetreue Abbildungen der in den vollständigsten Sammlungen, namentlich der in dem Kabinet des . . . Dr. Hartmann befindlichen Petrefacten, mit Angabe der Gebirgs-Formationen, in welchen dieselben vorkommen, und der Fundorte. (Les Petrifactions de Wurtemberg, *&c.*) *pp. 102 : 72 pls. col.* fol. *Stuttgart*, 1830.

Wanting the German title-page.
German & French in parallel columns.
Issued in twelve parts, each having six plates. Pt. 1 & 2, *pp. 1-16*, appeared in 1830 ; pt. 3 & 4, *pp. 17-32*, in 1831 ; pt. 5-8, *pp. 33-64*, in 1832 ; and pt. 9-12, *pp. 65-96*, in 1833 (*Pide* Neues Jahrb. f. Mineral.).

ZIETZ (Amandus H. C.) [Fishes of Central Australia, and a] Description of an additional new species of Fish from the Finke and Barcoo Rivers. *See* Horn (W. A.) Report on the Work of the Horn Scientific Expedition, *&c.* Pt. ii. 4⁰. 1896.

ZIGLERUS (Philippus) America, das ist, Erfindung und Offenbahrung der Newen Welt . . . Kürtzlich unnd ordentlich zusammen gefasset, und mit sienen Marginalien und Register erkläret : durch M. P. Ziglerum, *&c.* *See* Bry (T. De), (J. T. De) & (J. I. De) [*America.—Abridgments.*] fol. 1617.

ZIGNO (Achille de) *Baron* [1813-1892] [Sopra alcuni corpi organici che si osservano nelle infusioni, *&c.* 8⁰. *Padova*, 1839.]

Wanting.

—— [Another edition.] *pp. 24.* 8⁰. *Padova*, 1842.

Letta all' I. R. Accademia di Sci., Lett. ed Arti di Padova nella Tornata del 5 Maggio 1835.

Zigno (A. de) *Baron.* Sulla Flora fossile dell' Oolite. *pp. 15.* 4⁰. *Venezia*, 1856.

Mem. I. R. Istit. Veneto. Vol. vi.
With an autograph letter by the author.

Zigno (A. de) *Baron.* Flora Fossilis formationis Oolithicæ.—Le Piante Fossili dell' Oolite. 2 Vol. *illust.* 4⁰. *Padova*, 1856-85.

Zigno (A. de) *Baron.* Sulle Piante Fossili del Trias di Recoaro raccolte dal Prof. A. Massalongo . . . osservazioni del Barone A. de Zigno. *pp. 31 : 10 pls.* 4⁰. *Venezia*, 1862.

Mem. I. R. Istit. Veneto. Vol. xi.

Zigno (A. de) *Baron.* Osservazioni sulle Felci Fossili dell'Oolite ed enumerazione delle specie finora rinvenute nei varii piani di quella formazione, *&c.* *pp. 40, 1 tab.* 8⁰. *Padova*, 1865.

Riv. Period. Lav. I. R. Accad. Sci. Padova. Vol. xiv, 1866.

Zigno (A. de) *Baron.* Sui Mammiferi Fossili del Veneto, *&c.* *pp. 16.* 8⁰. *Padova*, 1875.

Zigno (A. de) *Baron.* Due nuovi Pesci Fossili della famiglia dei Balistini scoperti nel terreno Eoceno del Veronese. *pp. 8 : 2 pls. col.* *See* Italy. — Società Italiana delle Scienze. Memorie, *&c.* Ser. III, tom. vi, no. 4. 4⁰. 1887.

Zigno (A. de) *Baron.* A. de Zigno. Cenni biografici, *&c.* *See* Omboni (G.) 8⁰. 1892.

ZIGRA (Johann Hermann) [1775-1857] Nordischer Blumenfreund, oder Repertorium des wissenswürdigsten zur Erziehung, Pflege und fortwährenden Behandlung der beliebtesten Blumen und exotischen Zier-Gewächse. *pp. viii, 447 : 1 pl. col., 1 port.* 8⁰. *Riga*, 1824.

Zigra (J. H.) Dendrologisch-öconomisch-technische Flora der im Russischen Kaiserreiche bis jetzt bekannten Bäume und Sträucher, nebst . . . einem Anhange, eine tabellarische Uebersicht der bei uns acclimatisirten Nordamericanischen Baumarten enthaltend. 2 Bd. 8⁰. *Dorpat*, 1839.

ZIJNEN (Theodorus Daniel Vrijdag) De in den Handel voorkomende Kina-Basten pharmacologisch behandeld en toegepast op de Soorten welke in de pharmacopœa Belgica vermeld zijn. *pp. xii, 120.* 8⁰. *Rotterdam*, 1835.

ZIMMER (Carl) Die arktischen Cumaceen. *See* Roemer (F.) & Schaudinn (F. R.) Fauna Arctica, *&c.* Bd. i, no. 13. 4⁰. 1900.

Zimmer (C.) [Cumacea from South America.] *See* Hamburg.—Naturhistorisches museum. Ergebnisse der Hamburger Magalhaensischen Sammelreise, *&c.* Lief. vi, no. 3. 8⁰. 1902.

Zimmer (C.) Die arktischen Schizopoden. *See* Roemer (F.) & Schaudinn (F. R.) Fauna Arctica, *&c.* Bd. iii, no. 6. 4⁰. 1904.

Zimmer (C.) Die Cumaceen der . . . Südpolarexpedition. *See* Nordenskjöld (N. O. G.) Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901-03, *&c.* Bd. vi, lief. 3. 4⁰. 1909.

Zimmer (C.) Untersuchungen über den inneren Bau von *Euphausia superba*, Dana. *pp. 64 : 7 pls. (col.), text illust.* *See* Zoologica, *&c.* Bd. xxvi, hft. 67 [no. 3]. 4⁰. 1913.

ZIMMER (James F.) The Grape Scale. *See* United States. — *Department of Agriculture.* — *Entomology Division.* Bulletin No. 97, pt. vii. 8⁰. 1912.

ZIMMERER (Heinrich) [1860-] & **Oberhummer** (R.) Durch Syrien und Kleinasien, *&c.* *See* Oberhummer (R.) & Zimmerer (H.) 8⁰. 1899.

ZIMMERMANN (Albrecht Wilhelm Philipp) [1860-] Beiträge zur Morphologie und Physiologie der Pflanzenzelle, *&c.* Bd. i—ii, hft. 1. *illust. (col.)* 8⁰. *Tübingen*, 1890-93.

Zimmermann (A. W. P.) Die botanische Mikrotechnik. Ein Handbuch der mikroskopischen Präparations-, Reaktions- und Tinktionsmethoden. *pp. x, 278 : text illust.* 8⁰. *Tübingen*, 1892.

Zimmermann (A. W. P.) Botanical Microtechnique . . Translated [with notes] . . . by J. E. Humphrey. *pp. xii, 296 : text illust.* 8⁰. *New York*, 1893.

Zimmermann (A. W. P.) Die Morphologie und Physiologie des pflanzlichen Zellkernes, *&c.* *pp. viii, 188 : text illust.* 8⁰. *Jena*, 1896.

ZIMMERMANN (Christoph) Monographie der Carabiden. Stuck i.† *pp. viii, 76.* 8⁰. *Berlin & Halle*, 1831.

ZIMMERMANN (Eberhard August Wilhelm von) [1743-1815] Specimen zoologiæ geographicæ, Quadrupedum domicilia et migrationes sistens, *&c.* *pp. xxiv, 685 : 1 map.* 4⁰. *Lugduni Batavorum*, 1777.

Zimmermann (Eberhard A. W. von) Geographische Geschichte des Menschen, und der allgemein verbreiteten vierfüssigen Thiere, nebst einer hieher gehörigen zoologischen Weltcharte. 3 Bd. 8⁰. *Leipzig*, 1778-83.

Zimmermann (Eberhard A. W. von) Beschreibung und Abbildung eines ungebornen Elephanten, nebst verschiedenen bisher ungedruckten Nachrichten die Naturgeschichte der Elephanten betreffend. *pp. 16 : 1 pl.* 4⁰. *Erlangen*, 1783.

Zimmermann (EBERHARD A. W. VON) Description d'un embryon d'Éléphant accompagnée de quelques nouvelles observations sur l'histoire naturelle de ce quadrupède. *pp. 20 : 1 pl.* 4⁰. *Erlang*, 1783.
This is the French edition of the preceding.

Zimmermann (EBERHARD A. W. VON) P. Cavolini's . . . Abhandlung über die Erzeugung der Fische und der Krebse. Aus dem Italiänischen übersetzt. Mit Anmerkungen herausgegeben von E. A. W. Zimmermann, *&c.* *See* CAVOLINI (F.) 8⁰. 1792.

Zimmermann (EBERHARD A. W. VON) G. Imlay's . . . Nachrichten von dem westlichen Lande der Nordamerikanischen Freistaaten . . . Aus dem Englischen übersetzt, mit vielen Anmerkungen und Bestimmungen der natürlichen Produkte, von E. A. W. Zimmermann. *See* IMLAY (G.) 8⁰. 1793.

ZIMMERMANN (ERNST HEINRICH) [1860–] Stratigraphische und paläontologische Studie über das Deutsche und das Alpine Rhät. Inaugural-Dissertation, *&c.* *pp. iv, 97.* 8⁰. *Gera*, 1884.

Zimmermann (ERNST H.) & **Keilhack** (F. L. H. K.) Verzeichniss von auf Deutschland bezüglichen geologischen Schriften und Karten-Verzeichnissen . . . Ergänzt . . . durch . . . R. Michael, *&c.* *pp. ix, 108.* *See* PRUSSIA. —*Koeniglich-Preussische Geologische Landesanstalt, &c.* Abhandlungen, *&c.* Neue Folge, hft. XXVI. 8⁰. 1897.

ZIMMERMANN (FERDINAND JOSEPH VON) [1787–] Grundzüge der Phytologie zum Gebrauche seines öffentlichen Vortrages entworfen. *pp. xxiv, 702.* 8⁰. *Wien*, 1831.

ZIMMERMANN (FRIEDRICH) Die Adventiv- und Ruderalflora von Mannheim, Ludwigshafen und der Pfalz nebst den selteneren einheimischen Blütenpflanzen und den Gefässkryptogamen. [Second edition.] *pp. 171, [1] : 2 pls.* *See* DURKHEIM-ON-THE-HART.—POLLICHIA, EIN NATURWISSENSCHAFTLICHER VEREIN DER RHEINPFALZ. Mitteilungen, *&c.* No. 26. (Jahrgang LXVII.) 8⁰. 1911.
The first edition was published at Mannheim in 1907.

ZIMMERMANN (HERMANN ADOLPH) [1841–] De Papyro. Particula I. Geographica continens. Dissertatio inauguralis botanica, *&c.* *pp. 32.* 8⁰. *Vratislaviæ*, 1866.

ZIMMERMANN (JOHANN CHRISTOPH) Dissertatio . . . de Blasia . . . disquisitioni offert J. C. Zimmermann, *&c.* *See* SCHMIDEL (C. C.) 4⁰. [1759].

—— [Another edition.] *See* SCHMIDEL (C. C.) D. C. C. Schmidelii . . . Dissertationes Botanici argumenti revisæ, *&c.* 4⁰. 1783.

ZIMMERMANN (JOHANNES) Taschenbuch der Mineralogie, *&c.* *pp. vii, 435 : text illust.* 8⁰. *Leipzig*, 1852.

ZIMMERMANN (MAURICE) [1869–] La Terre Antarctique de Victoria d'après les travaux de la "Discovery" [National Antarctic Expedition, 1901–04]. 8⁰. *Paris*, 1909.
Annales de Géographie. Vol. XVIII, *pp. 97–124.*

ZIMMERMANN (OSKAR EMIL REINHOLD) Das Genus *Mucor*. Inaugural-Dissertation, *&c.* *pp. 51 : 1 pl.* 8⁰. *Chemnitz*, 1871.

Zimmermann (O. E. R.) Atlas der Pflanzenkrankheiten welche durch Pilze hervorgerufen werden. Mikrophotographische Lichtdruckabbildungen der phytopathogenen Pilze, nebst erläuternden Texte, *&c.* Hft. I–IV.† *pp. [ii,] 40 : 8 pls.* 8⁰. & fol. *Halle a. S.*, 1885–86.

ZIMMERMANN (RUDOLF) Monatsschrift für Mineralien-, Gesteins- und Petrefaktensammler, *&c.* Jahrg. I—III, no. 1 & 2. [*Continued as :*] Zeitschrift für Mineralogie, Geologie und Paläontologie . . . Herausgegeben . . . von R. Zimmermann. Jahrg. I–III, no. 2.† *See* ZEITSCHRIFT FUER MINERALOGIE, GEOLOGIE UND PALAEONTOLOGIE. 8⁰. 1903–09.

Zimmermann (R.) Die Mineralien. Eine Anleitung zum Sammeln und Bestimmen derselben, nebst einer Beschreibung der wichtigsten Arten. *pp. xii, 120 : 8 pls. col.* 8⁰. *Halle a. S.*, 1904.

ZIMMERMANN (TH. F.) & **Brehm** (C. L.) Bilder und Skizzen aus dem zoologischen Garten zu Hamburg, *&c.* *See* BREHM (C. L.) & ZIMMERMANN (T. F.) 8⁰. 1865.

ZIMMERMANN (W. F. A.) [*pseud.* i.e. **W. F. Volliner**] [Die Wunder der Urwelt. Eine populäre Darstellung der Geschichte der Schöpfung und des Urzustandes unseres Weltkörpers, *&c.* 8⁰. *Berlin*, 1854.]
Wanting.

—— Neunundzwanzigste Auflage . . . von S. Kalischer. *pp. xii, 588 : 1 pl., text illust.* 8⁰. *Berlin*, 1883.
Forming the "Dritter Theil" of "Der Erdball und seine Naturwunder."

Zimmermann (W. F. A.) [*pseud.*] Le Monde avant la Création de l'Homme . . . Traduit de l'Allemand par L. Strens. *pp. xi, 610 : 3 pls., text illust.* 8⁰. *Paris, &c.* [1856.]

ZIMMETER (ALBERT) [1848–] Verwandschafts-Verhältnisse und geographische Verbreitung der in Europa einheimischen Arten der Gattung *Aquilegia*. *pp. 66 : 3 pls.* 8⁰. *Steyr*, 1875.

Zimmeter (A.) Die Europäischen Arten der Gattung *Potentilla*. Versuch einer systematischen Gruppierung und Aufzählung, *&c.* *pp. 31.* 8⁰. *Steyr*, 1884.

Zimmeter (A.) Beiträge zur Kenntnis der Gattung *Potentilla*. *pp. 36.* 8⁰. *Innsbruck*, 1889.
Prog. k. k. Oberrealschule. 1888–89.

ZINANNI. *See* GINANNI.

ZINCKEN (CARL FRIEDRICH) Die Physiographie der Braunkohle. *pp. x, 818 [10] : 2 pls. col., 1 map col., text illust.* 8⁰. *Hannover*, 1867.

—— Ergänzungen zu der Physiographie der Braunkohle. *pp. 257 : 6 pls.* 8⁰. *Halle*, 1871.

—— —— *pp. 188.* 8⁰. *Leipzig*, 1878.
The alternative title reads :—"Die Fortschritte der Geologie der Tertiärkohle, Kreidekohle, Jurakohle und Triaskohle."

Zincken (C. F.) Die geologischen Horizonte der fossilen Kohlen, oder die Fundorte der geologisch bestimmten fossilen Kohlen nach deren relativem Alter zusammengestellt. *pp. 90, iv, ii.* 8⁰. *Leipzig*, 1883.

—— [Another issue.] *See* infra, Die Vorkommen der fossilen Kohlen, *&c.* Bd. III. 8⁰. 1883.

Zincken (C. F.) Die Vorkommen der fossilen Kohlen und Kohlenwasserstoffe. Bd. III.† *pp. [ii,] 90, iv, ii, [iv,] 99–446.* 8⁰. *Leipzig*, 1883.
Contains :—
1. Die geologischen Horizonte der fossilen Kohlen.
2. Die Vorkommen der fossilen Kohlenwasserstoffe.
The first part originally appeared earlier in the same year as a separate work.

Zincken (C. F.) Die bekannten Kohlenvorkommen in China. *pp. 8.* 4⁰. [*Berlin*, 1884.]
Zeitschr. Oberschlesisch. Berg- & Hüttenmänn. Vereins. Augustheft, 1884.

ZINCKEN (Johann Carl Ludwig) [1790–1862] Des Herrn W. C. v. Eschwege . . . Nachrichten aus Portugal und dessen Colonien, mineralogischen, und bergmännischen Inhalts . . . Herausgegeben, und mit Anmerkungen und Zusätzen versehen, von J. C. L. Zincken. *pp. xi, 274 : 1 pl. See* Eschwege (W. L. von). 8⁰. 1820.

Zincken (Johann C. L.) Der östliche Harz mineralogisch und bergmännisch betrachtet. Eine Skizze zur Erläuterung seiner . . . Charte, *&c.* Abthl. 1.† *pp. xvi, 174.* 8⁰. *Braunschweig*, 1825.

ZINCKEN (Johann Leopold Theodor Friedrich) called **Sommer** [1770-1856] *See* Magazin der Entomologie. Herausgegeben von . . . J. L. T. F. Zincken, *&c.* Jahrg. ii–iv. 8⁰. 1817–21.

Zincken (Johann L. T. F.) called **Sommer.** Die Zinsler, Wickler, Schaben und Geistchen des *Systematischen Verzeichnisses der Schmetterlinge der Wiener Gegend* . . . Mit Anmerkungen versehen von J. L. T. F. Zincken, *&c. See* Charpentier (T. von) 8⁰. 1821.

ZINGEL (Joseph) [1859–] Krystallographische Untersuchung einiger organischen Verbindungen . . . Inaugural-Dissertation, *&c. pp. 45 : 1 pl.* 8⁰. *Göttingen*, 1883.

ZINN (Johann Gottfried) [1727–1759] Catalogus Plantarum Horti Academici et agri Gottingensis. *pp. vi, 441.* 8⁰. *Gottingæ*, 1757.

ZIPPE (Franz Xaver Maximilian) [1791–1863] Die Krystallgestalten der Kupferlasur. *pp. 53 : 5 pls. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Abhandlungen, *&c.* Neue Folge, Bd. iii. 8⁰. 1830.

Zippe (F. X. M.) Uebersicht der Gebirgsformationen in Böhmen. *pp. 88. See* Prague.—koeniglich-boehmische gesellschaft der wissenschaften. Abhandlungen, *&c.* Neue Folge, Bd. iii. 8⁰. 1831.

Zippe (F. X. M.) Leichtfassliche Anfangsgründe der Naturgeschichte des Mineralreiches . . . Zweiter Theil. Physiographie, bearbeitet von . . . F. X. M. Zippe . . . Zweite . . . Auflage. *See* Mohs (F.) 8⁰. 1839.

Zippe (F. X. M.) Anleitung zur Gestein- und Bodenkunde, oder das Wichtigste aus der Mineralogie und Geognosie, *&c. pp. xxvii, 396.* 8⁰. *Prag*, 1846.

Zippe (F. X. M.) Geschichte der Metalle. *pp. xv, 364.* 8⁰. *Wien*, 1857.

Zippe (F. X. M.) Die Charaktere der Klassen, Ordnungen, Geschlechter und Arten des naturhistorischen Mineral-Systemes von F. Mohs. Neu bearbeitet von . . . F. X. M. Zippe. *See* Mohs (F.) 8⁰. 1858.

Zippe (F. X. M.) Lehrbuch der Mineralogie mit naturhistorischer Grundlage. *pp. xvii, 433 : text illust.* 8⁰. *Wien*, 1859.

ZIPPE (Wilhelm) Einige geognostische und mineralogische Bemerkungen über den Höhlenkalkstein des Karst. *See* Schmidl (A.) Zur Höhlenkunde des Karstes, *&c.* 8⁰. & 4⁰. 1854.

ZIPPEL (Hermann) Ausländische Handels- und Nährpflanzen, *&c. pp. x, 244 : 60 pls. col.* 8⁰. *Braunschweig*, 1885.

Zippel (H.) & **Bollmann** (K.) [Ausländische Culturpflanzen in farbigen Wandtafeln mit erläuterndem Text, *&c.* Abth. i & ii. 8⁰. & fol. *Braunschweig*, 1876, 77.] Wanting.

—— Zweite . . . Auflage. *With 23 diags. col.* 8⁰. & fol. *Braunschweig*, 1880, 81.

—— Abth. iii. *With 24 diags. col.* 8⁰. & fol. *Braunschweig*, 1889.

—— Neu bearbeitet von . . . O. W. Thomé . . . Vierte . . . Auflage. Abth. i→ 8⁰. & fol. *Braunschweig*, 1899→

Zippel (H.) & **Bollmann** (K.) Repräsentanten einheimischer Pflanzenfamilien in farbigen Wandtafeln mit erläuterndem Text, *&c.* 2 Abth. [in 5 pt.] *& 60 diags. col.* 8⁰. & fol. *Braunschweig*, 1879–82.

ZIPPERER (Paul) [–1903] Beitrag zur Kenntniss der Sarraceniaceen. Inaugural-Dissertation, *&c. pp. 34 : 1 pl.* 8⁰. *Munchen*, 1885.

ZIPSER (Christian Andreas von) [1783–1864] Versuch eines topographisch-mineralogischen Handbuches von Ungern, *&c. pp. xxxi, 440.* 8⁰. *Oedenburg*, 1817.

ZIRKEL (Ferdinand) [1838–1912] De Geognostica Islandiæ constitutione observationes. Dissertatio, *&c. pp. 46.* 8⁰. *Bonnæ*, 1861.

Zirkel (F.) Versuch einer Monographie des Bournonit. 8⁰. [*Wien*, 1862.] Sitzungsb. k. Akad. Wissensch. Wien. Bd. xlv, *pp. 431–466 : 7 pls.*

Zirkel (F.) Petrographische Untersuchungen über rhyolithische Gesteine der Taupo-zone. *See* Austria-Hungary. Reise der . . . Fregatte Novara . . . 1857–59, *&c.* Geologischer Theil. Bd. i, abth. 1. 4⁰. 1864.

Zirkel (F.) Lehrbuch der Petrographie. 2 Vol. 8⁰. *Bonn*, 1866.

—— Zweite . . . Auflage. 3 Bd. 8⁰. *Leipzig*, 1893–94.

Zirkel (F.) Untersuchungen über die mikroskopische Zusammensetzung und Structur der Basaltgesteine. *pp. 208 : 3 pls.* 8⁰. *Bonn*, 1870.

Zirkel (F.) Die microskopische Beschaffenheit der Mineralien und Gesteine. *pp. viii, 502 : text illust.* 8⁰. *Leipzig*, 1873.

Zirkel (F.) Die Krystalliten von H. Vogelsang . . . Herausgegeben von F. Zirkel. *See* Vogelsang (H. P. J.) 8⁰. 1875.

Zirkel (F.) Microscopical Petrography. *See* United States. — *Geological Exploration of the Fortieth Parallel.* Report, *&c.* Vol. vi. 4⁰. 1876.

Zirkel (F.) Elemente der Mineralogie . . . Zehnte . . . Auflage von . . . F. Zirkel. *See* Naumann (G. A. C. F.) 8⁰. 1877.

—— Elfte . . . Auflage, *&c.* 8⁰. 1881.

—— Zwölfte . . . Auflage, *&c.* 8⁰. 1885.

—— Dreizehnte . . . Auflage, *&c.* 8⁰. 1897–98.

—— Vierzehnte . . . Auflage. 8⁰. 1901.

—— Fünfzehnte . . . Auflage, *&c.* 8⁰. 1907.

Zirkel (F.) Die Einführung des Mikroskops in das mineralogisch-geologische Studium. *pp. 69.* 4⁰. *Lipsiæ*, 1881.

Zirkel (F.) Das Experiment in der Geologie. 4⁰. *Leipzig*, 1885. Rectoratswechsel Univ. Leipzig. *pp. 17–37.*

Zirkel (F.) Nová učebnice Petrografie. [New instructions in Petrography.] Dr. F. Zirkel: Lehrbuch der Petrographie. Zweite Auflage . . . Přehledný referát . . . a se zřetelem ku pracím dra E. Bořického, *&c.* [A concise account . . . with reference to work done by Dr. Bořický.] *See* BARVÍR (J. L.) 8⁰. [1895 ?]

Zirkel (F.) & **Preyer** (T. W.) Reise nach Island, *&c.* *See* PREYER (T. W.) & ZIRKEL (F.) 8⁰. 1862.

ŽIŠKA (WENZEL) Methodischer Leitfaden der Mineralogie und Geologie, *&c.* *pp. 75: text illust.* 8⁰. *Wien*, 1884.

ZITTEL (KARL ALFRED VON) [1839–1904] Die Bivalven der Gosaugebilde in nordöstlichen Alpen. Beitrag zur Charakteristik der Kreideformation in Oesterreich. 2 Thl. *illust.* 4⁰. [*Wien*, 1865, 66.]
Denksch. k. Akad. Wissensch. Wien. Bd. XXIV & XXV.

Zittel (K. A. VON) Fossile Mollusken und Echinodermen aus Neu-Seeland, *&c.* *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59, *&c.* Geologischer Theil. Bd. I, abth. 2. 4⁰. 1865.

Zittel (K. A. VON) Geologische Beschreibung der Umgebungen von Möhringen und Mösskirch, *&c.* *See* BADEN, *Grand Duchy of.* 4⁰. 1867.

Zittel (K. A. VON) Paläontologische Mittheilungen aus dem Museum des Königl. Bayer. Staates . . . fortgesetzt von . . . K. A. Zittel. Bd. II, hft. 1–3. *See* OPPEL (C. A.) 8⁰. & fol. 1868–73.

Zittel (K. A. VON) Die Cephalopoden der Stramberger Schichten. *See* OPPEL (C. A.) Paläontologische Mittheilungen, *&c.* Bd. II, hft. 1. 8⁰. & fol. 1868.

Zittel (K. A. VON) Geologische Beobachtungen aus den Central-Appeninen. *pp. 88: 3 pls., 1 tab., text illust.* *See* GEOGNOSTISCH PALAEONTOLOGISCHE BEITRAEGE. Bd. II, hft. 2. 8⁰. 1869.

Zittel (K. A. VON) *See* PALAEONTOGRAPHICA . . . herausgegeben von K. A. v. Zittel, *&c.* Bd. XVII, XIX–L. 8⁰. 1870–1904.

Zittel (K. A. VON) Die Fauna der ältern Cephalopodenführenden Tithonbildungen. *See* PALAEONTOGRAPHICA, *&c.* Supplement. Bd. II, abth. 1 & 2. 8⁰. 1870.
Also forms Bd. II, abth. 2 of the "Paläontologische Mittheilungen," *&c.*, by C. A. Oppel [*q.v.*].

Zittel (K. A. VON) Aus der Urzeit. Bilder aus der Schöpfungsgeschichte. *pp. 596: 7 pls., 4 maps, text illust.* 8⁰. *München*, 1871–72.

—— Zweite . . . Auflage. *pp. xvi, 630: 5 maps, text illust.* 8⁰. *München*, 1875.

Zittel (K. A. VON) Die Gastropoden der Stramberger Schichten. *See* PALAEONTOGRAPHICA, *&c.* Supplement. Bd. II, abth. 3. 8⁰. 1873.
Also forms Bd. II, abth. 3 of the "Paläontologische Mittheilungen," *&c.*, of C. A. Oppel [*q.v.*].

Zittel (K. A. VON) Drei Monate in der Libyschen Wüste. Von G. Rohlfs. Mit Beiträgen von . . . K. Zittel, *&c.*—Beiträge zur Geologie und Paläontologie, *&c.* *See* ROHLFS (F. G.) Expedition zur Erforschung der Libyschen Wüste, *&c.* Bd. I & III. 8⁰. & 4⁰. 1875, 83.
The latter portion was also issued as Bd. XXX of "Paläontographica."

Zittel (K. A. VON) Die Libysche Wüste nach ihrer Bodenbeschaffenheit und ihrem landschaftlichen Charakter. *pp. 18.* 8⁰. [*Munich*, 1875.]
Jahresb. Geograph. Gesell. München. 1875.

Zittel (K. A. VON) Ueber *Cœloptychium.*—Ein Beitrag zur Kenntniss der Organisation fossiler Spongien. 4⁰. *München*, 1876.
Abhandl. k. Bayer. Akad. Wissensch. München. Bd. XII, abth. 3.

Zittel (K. A. VON) Handbuch der Paläontologie unter Mitwirkung von W. P. Schimper (A. S. Schenk und S. H. Scudder) herausgegeben von K. A. Zittel. 5 Bd. *illust.* 8⁰. *München & Leipzig*, 1876–93.

Zittel (K. A. VON) Text-Book of Palæontology . . . translated and edited by C. R. Eastman . . . English edition . . . enlarged by the author and editor, *&c.* 2 Vol. [in 3 pt.] *illust.* 8⁰. *London & New York*, 1896, 1900 & 1902.
Vol. I is issued in two parts:—Pt. 1, *pp. 1–352*, 1896; and Pt. 2, *pp. 353–706*, 1900.
The following authors have collaborated in revising and emending this edition:—
BEECHER (C. E.) Trilobita.
BAUR (G. H. C. L.) Chelonia.
CASE (E. C.) Amphibia.
CLARKE (J. M.) Eucrustacea (pars), Acerata (pars).
DALL (W. H.) Pelecypoda.
HATCHER (J. B.) Reptilia.
HAY (O. P.) ,,
HINDE (G. J.) Vermes.
HYATT (A.) Cephalopoda.
KINGSLEY (J. S.) Eucrustacea (pars), Acerata (pars).
LUCAS (F. A.) Aves.
OSBORN (H. F.) Reptilia.
PILSBRY (H. A.) Gastropoda.
SCHUCHERT (C.) Brachiopoda.
SCUDDER (S. H.) Insecta.
SLADEN (W. P.) Asterozoa, Echinozoa.
ULRICH (E. O.) Bryozoa, Ostracoda.
WACHSMUTH (C.) Crinoidea, Blastoidea.
WILLISTON (S. W.) Reptilia.
WOODWARD (A. S.) Pisces.

—— [Another issue.] 2 Vol. *illust.* 8⁰. *London & New York*, 1900–1902.
Differs only from the preceding in the fact that Vol. I is issued in one part, with title-page dated 1900.

—— Second edition revised and enlarged by the Editor in collaboration with the following-named specialists, *&c.* Vol. I→ *illust.* 8⁰. *London*, 1913→
Vol. I.
BASSLER (R. S.) Bryozoa, Branchiopoda, Ostracoda, Gastropoda (pars).
CALMAN (W. T.) Cirripedia, Malacostraca.
CLARK (A. H.) Post-Paleozoic Crinoidea.
CLARK (H. L.) Asteroidea, Holothuroidea.
CLARKE (J. M.) Phyllocarida & Arachnida (Merostomata).
CUSHMAN (J. A.) Foraminifera.
DALL (W. H.) Pelecypoda, Gastropoda (pars).
HANDLIRSCH (A.) Insecta [with minor emendations by COCKERELL (T. D. A.) & HOLLAND (W. J.)].
JACKSON (R. T.) Echinoidea.
PETRUNKEVITCH (A.) Embolobranchiata, Myriapoda.
RAYMOND (P. E.) Trilobita.
RUEDEMANN (R.) Graptolitoidea.
SCHUCHERT (C.) Brachiopoda.
SMITH (J. P.) Ammonoidea.
SPRINGER (F.) Cystoidea, Blastoidea, Crinoidea.
VAUGHAN (T. W.) Actinozoa: (Tetracoralla & Hexacoralla).
WALCOTT (C. D.) Trilobita (pars), Arachnida (pars).

Zittel (K. A. VON) Traité de Paléontologie par K. A. Zittel . . . Traduit par C. Barrois, *&c.* 5 Tom. *illust.* 8⁰. *Paris, &c.*, 1883–94.

Zittel (K. A. VON) Studien über fossile Spongien. 3 Pt. *illust.* 4⁰. *München*, 1877–78.
Abhandl. k. Bayer. Akad. Wissensch. München. Bd. XIII, abth. 1 & 2, 1878, 79.

Zittel (K. A. VON) Beiträge zur Systematik der fossilen Spongien. *pp. [i,] 132: 10 pls.* 8⁰. *Stuttgart*, 1879.
Neues Jahrb. f. Mineralogie. 1877.

Zittel (K. A. VON) Palaeontologische Wandtafeln zusammengestellt und herausgegeben von K. A. Zittel, und ideale geologische Landschaftsbilder, entworfen von K. Haushofer. Lief. I–XII.† fol. & 8⁰. *Cassel*, 1879–91.

Zittel (K. A. VON) Ueber Arbeit und Fortschritt im Weltall. Rede, *&c.* *pp. 27.* 4⁰. *München*, 1880.

Zittel (K. A. VON) Ueber den geologischen Bau der Libyschen Wüste. Festrede gehalten in der öffentlichen Sitzung der K. B. Akademie der Wissenschaften zu München zur Feier ihres einhundert und einundzwanzigsten Stiftungstages (28 März) am 20 März 1880. *pp. 47: 1 map geol. col.* 4⁰. *München* [1880].

Zittel (K. A. von) Beiträge zur Geologie und Palaeontologie der Libyschen Wüste und der angrenzenden Gebiete von Aegypten . . . Herausgegeben von K. A. Zittel (I. Geologischer Theil, von K. A. Zittel), *&c.* *See* Rohlfs (G.) Expedition zur Erforschung der Libyschen Wüste, *&c.* Bd. III. 4⁰. 1883.

Zittel (K. A. von) Grundzüge der Paläontologie (Paläozoologie). *pp. viii, 971 : text illust.* 8⁰. *München & Leipzig*, 1895.

—— I. Abteilung: Invertebrata. Zweite . . . Auflage. *pp. viii, 558 : text illust.* 8⁰. *München & Berlin*, 1903.

—— Neubearbeitet von . . . F. Broili . . . I. Abteilung: Invertebrata. Dritte . . . Auflage. *pp. x, 607 : text illust.* 8⁰. *München & Berlin*, 1910.

—— Neubearbeitet von F. Broili, E. Koken, M. Schlosser. II. Abteilung: Vertebrata. Zweite . . . Auflage. *pp. vii, 598 : text illust.* 8⁰. *München & Berlin*, 1911.

Zittel (K. A. von) Geschichte der Geologie und Paläontologie bis Ende des 19. Jahrhunderts. *pp. xi, 868.* 8⁰. *München & Leipzig*, 1899.
Geschichte Wissensch. Deutsch. Neuere Zeit. Bd. XXIII.

Zittel (Karl A. von) History of Geology and Palæontology to the end of the nineteenth century . . . Translated by M. M. Ogilvie-Gordon. *pp. xiii [ii,] 562 : 13.* 8⁰. *London*, 1901.
The Contemporary Science Series.

Zittel (K. A. von) Zur Literaturgeschichte der Alpinen Trias. *pp. 4.* 8⁰. *Wien*, 1899.

ŽIVA. Časopis Přírodnický. [Life. A Natural History Journal.] Redaktorové . . . J. Purkyně a . . . J. Krejči ([and for 1861] E. Gréger), *&c.* Ročník I–IX; XIII, svaz. 1–3; XIV, svaz. 1. 8⁰. *Praze*, 1853–67.

ZIZ (Johann Baptist) [1779–1829] & **Koch** (W. D. J.) Catalogus Plantarum, quas in ditione Floræ Palatinatus legerunt . . . Phanerogamia. *See* Koch (W. D. J.) & Ziz (J. B.) 8⁰. 1814.

ZLATARSKĪ (Gheorghi N.) [1854–1909] Geologische Untersuchungen im centralen Balkan und in den angrenzenden Gebieten. Beiträge zur Geologie des nördlichen Balkanvorlandes zwischen den Flüssen Isker und Jantra. *pp. 93 : 3 pls.* 8⁰. *Wien*, 1886.
Sitzungsb. k. Akad. Wissensch. Wien. Bd. XCIII, abth. I.

Zlatarskī (Gh. N.) Gheologhīcheska Karta na B'lgharīya, *&c.* Carte Géologique de la Bulgarie à l'échelle de 1 : 300,000 [*i.e.* 1 in. = 4¾ m. about], *&c.* 20 sh. *col.* *See* Sofia.—unīversīteta.—*Mīneralo-Gheologhīcheskiĭ Īnstītut.* 1905–10.

ZNATOWICZ (Br.) *See* Pamiętnik Fizyjograficzny wyddwany staraniem . . . B. Znatowicza. Tom. I–XV.† 8⁰. 1881–98.

ZOE. (A Biological Journal, *&c.*) T. S. Brandegee ([and afterwards] A. Eastwood) Editor. Vol. I–IV.† 8⁰. *San Francisco*, 1890–94.

ZOELLER (Hugo) [1852–] Rund um die Erde. Niederländisch-Indien.—Die Südsee.—Australien.—Hinter-Indien, *&c.* 2 Bd. [in 1.] 8⁰. *Köln*, 1881.

Zoeller (H.) Deutsch-Neuguinea und meine Ersteigung des Finisterre-Gebirges, *&c.* *pp. xxxii, 546 : 25 pls., 1 port., 2 maps, text illust.* 8⁰. *Stuttgart, &c.*, 1891.

ZOEPPRITZ (Karl) *Geographer.*
See Zoeppritz (K. Jacob)

ZOEPPRITZ (Karl) *Geologist.* Geologische Untersuchungen im Oberengadin zwischen Albulapass und Livigno. *pp. 68 : 1 pl., 2 maps (1 geol. col.), text illust.* *See* Freiburg-in-Breisgau.—naturforschende gesellschaft. Berichte, *&c.* Bd. XVI. 8⁰. 1906.

ZOEPPRITZ (Karl Jacob) [1838–1885] E. de Pruyssenaere's Reisen . . . im Gebiete des Weissen und Blauen Nil . . . bearbeitet und herausgegeben von K. Zöppritz, *&c.* 2 Pt. *illust.* *See* Petermanns Mittheilungen, *&c.* Ergänzbd. XI, no. 50 & 51. 4⁰. 1877.

ZOGHRAF (Nīkolaĭ Yur'evīch) [1851–] Ghel'mīntologhīcheskiya Zamyetkī. I. Stroenie *Triænophorus nodulosus*, Rud. II. Stroenie gholovkī roda *Bothriocephalus*, R. [Helminthological Observations. I. Structure of *Triænophorus nodulosus*, Rud. II. Structure of the head in the genus *Bothriocephalus*, R.] *See* Moscow.—īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. XXIII, vuip. 2. 4⁰. 1877.

Zoghraf (N. Y.) Anatomiya [Anatomy of] *Lithobius forficatus*, L. *pp. 34 : 3 pls., text illust.* *See* Moscow.—īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Izvyestiya, *&c.* Tom. XXXII, vuip. 2. 4⁰. 1880.

Zoghraf (N. Y.) Materialui k poznaniyu embrional'nagho razvītiya [Contributions to a knowledge of the embryonal development of] *Geophilus ferrugineus* L. K. ī [&] *G. proximus* L. K. *pp. 77 : text illust.* *See* Moscow.—īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. XLIII, vuip. 1. 4⁰. 1883.

Zoghraf (N. Y.) Materialui k poznaniyu orghanīzatziī Sterlyadī [Contributions to a knowledge of the organization of the Sterlet] (*Acipenser ruthenus*, L.). *pp. [i,] 72, iv, 2 tabs. : 5 pls., text illust.* *See* Moscow.—īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. LII, vuip. 3. 4⁰. 1887.

Zoghraf (N. Y.) Das unpaare Auge, die Frontalorgane und das Nackenorgan einiger Branchiopoden. *pp. 44 : 3 pls. col.* 4⁰. *Berlin*, 1904.

Zoghraf (N. Y.) & **Kavraĭskiĭ** (T. T.) Spīskī ī opīsanie Kollektziī Ruib Muzeya. [List and description of the collection of Fish in the Zoological Museum of the University of Moscow.] 2 Pt. *See* Moscow.—īmperatorskoe obshchestvo lyubīteleĭ estestvoznaniya antropologhiī ī étnoghrafiī, *&c.* Īzvyestiya, *&c.* Tom. LVI, vuip. 1 & 3. 4⁰. 1889, 93.
Pt. 2 was by Kavraĭskiĭ alone.

ZOJA (Giovanni) [1832–1899] *See* Bollettino Scientifico redatto . . . Zoja G., *&c.* Ann. I–XXI, no. 4.† 8⁰. 1879–99.

ZOLLIKOFER (Caspar Tobias) [1774–1843] Versuch einer Alpen-Flora der Schweiz in Abbildungen . . . nach der Natur gezeichnet und beschrieben . . . (Tentamen Floræ Alpinæ Helvetiæ, *&c.*). Hft. I.† *pp. 20 : 10 pls.* *St. Gallen* (1828).

ZOLLINGER (Heinrich) [1818–1859] Systematisches Verzeichniss der von H. Zollinger in . . . 1842–44 auf Java gesammelten Pflanzen, *&c.* *See* Moritzi (A.) 4⁰. 1845–46.

Zollinger (H.) Die Land- und Süsswasser-Mollusken von Java. Nach den Sendungen des Herrn . . . Zollinger zusammengestellt und beschrieben. *See* Mousson (J. R. A.) 4⁰. 1849

Zollinger (H.) Verslag van eene Reis naar Bima en Soembawa, en naar eenige Plaatsen op Celebes, Saleijer en Floris . . . 1847. *pp. 224. See* BATAVIA. — BATAVIAASCH GENOOTSCHAP VAN KUNSTEN EN WETENSCHAPPEN. Verhandelingen, *&c.* Deel XXIII. 4⁰. 1850.

Zollinger (H.) Systematisches Verzeichniss der im Indischen Archipel in . . . 1842–48 gesammelten sowie der aus Japan empfangenen Pflanzen. 3 Hft. [in 1 Vol.] *pp. xii, 160, 66 : 1 pl. col.* 8⁰. *Zurich*, 1854–55.

Hft. 1 & 2 are continuously paged.

Zollinger (H.) Over de Soorten van *Rottlera* van den botanischen Tuin te Buitenzorg en in het Herbarium van Zollinger en Moritzi ; alsmede over eenige verwante geschlachten uit de Familie der Euphorbiaceae. *pp. 32. See* BATAVIA.—KONINKLIJKE NATUURKUNDIGE VEREENIGING IN NEDERLANDSCH INDIË. Acta, *&c.* Vol. I, no. 4. 4⁰. 1856.

Zollinger (H.) Plantæ Javanicæ . . . in clar. Zollingeri Catalogo Javanensi elaboratæ, *&c.* *See* CHOISY (J. D.) 8⁰. 1858.

ZON (RAPHAEL) Chestnut in southern Maryland. *pp. 31 : 5 pls. See* UNITED STATES. — *Department of Agriculture.—Forestry Bureau.* Bulletin No. 53. 8⁰. 1904.

ZOOLOGHĪCHESKIĬ MUZEĬ ĪMPERATORSKOĬ AKADEMIĬ NAUK.

See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES.—*Musée Zoologique.*

ZOOLOGICA. Bibliotheca Zoologica. Original-Abhandlungen aus dem Gesammtgebiete der Zoologie. Herausgegeben von R. Leuckart und C. Chun. Bd. I–VIII. 4⁰. *Cassel, Stuttgart*, 1887–1897.

[*Continued as :*]

Zoologica . . . Herausgegeben von R. Leuckart . . . und C. Chun. Bd. IX→ 4⁰. *Stuttgart*, 1897→

A series of separately-paged Memoirs.
Wanting Bd. XXI, lief. 4, and XXIV, lief. 2 to the end.
Bd. IX, hft. 22 VI to XXVII, lief. 8 were edited by Chun alone.

—— General-Register zu Band 1–15 [1888–1902], *&c.* 4⁰. *Stuttgart*, 1904.

ZOOLOGICAL AND ACCLIMATISATION SOCIETY OF VICTORIA.

[1861 Founded as *Acclimatisation Society of Victoria.*
1872 *Zoological and Acclimatisation Society of Victoria.*]

Annual Report, *&c.* No. 1, 20–22, 29, 39–42. 8⁰. *Melbourne*, 1862–1906.

No. 8–11 & 14 were issued as parts of the "Proceedings," Vol. I–V [*q.v.*].

Zoological & Acclimatisation Society of Victoria. Proceedings, *&c.* Vol. I–V. 8⁰. *Melbourne*, 1872–78.

Zoological & Acclimatisation Society of Victoria. The Rules and Objects of the . . . Society, with the Report [of the Provisional Committee] adopted at the first General Meeting of the Members, *&c.* *pp. 20.* 8⁰. *Melbourne*, 1861.

Zoological & Acclimatisation Society of Victoria. Acclimatisation : its eminent adaptation to Australia. A lecture delivered in Sydney, by . . . G. Bennett . . . Republished by the . . . Society, *&c.* *See* BENNETT (G.) 8⁰. 1862.

Zoological & Acclimatisation Society of Victoria. Answers . . . to the Enquiries . . . by . . . the Governor of Victoria, *&c.* *pp. 20.* 8⁰. *Melbourne*, 1864.

ZOOLOGICAL AND BOTANICAL SURVEY OF THE STATE OF MASSACHUSETTS.

See MASSACHUSETTS, *State of.*

ZOÖLOGICAL BULLETIN. Edited by C. O. Whitman and W. M. Wheeler. Vol. I & II.† *illust.* 8⁰. *Boston* [*Mass.*], (1897–) 1898–99.

This was succeeded by the "Biological Bulletin," which *See* under WOODS HOLL, *Mass.—Marine Biological Laboratory.*

ZOOLOGICAL CLUB OF THE LINNEAN SOCIETY OF LONDON.

An Address delivered at the Anniversary Meeting of the . . . Club . . . 1826 (–28). 3 No. 8⁰. *London*, 1826–28.

The address for 1826 is by J. E. Bicheno, that for 1827 by J. G. Children, and that for 1828 by J. Brookes.

ZOOLOGICAL DRAWINGS. [A series of zoological drawings, chiefly in water-colour, by various artists. Collected and bequeathed to the British Museum by General T. Hardwicke.] 35 Vol.

For the history of this collection, *See* BRITISH ASSOCIATION. Report, *&c.*, 1845 (1846), p. 188, footnote ; and GRAY (J. E.) List of Books, *&c.*, pp. 7 & 8.

The drawings have been bound into volumes as follows :—

Mammalia of various countries. 117 drgs.
Mammalia from India, East Indian Archipelago, *&c.* 196 drgs.
[Wanting No. 21–30.]
Birds of India, Tasmania, Australia, *&c.* 7 Vol. 962 drgs.
Birds, by T. Lewin and Mrs. Withers. 76 drgs.
Chinese Birds. 97 drgs.
Birds. 5 Vol. 582 drgs.
[Wanting No. 39, 130–139 of Vol. III, and No. 35, 37 & 155 of Vol. V.]
Eggs and Nests of Indian Birds. 65 drgs.
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Larvæ of Indian Insects. 94 drgs.
Arachnida, *&c.*, of India. 97 drgs.
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Mollusca and Radiata of India. 97 drgs.
Miscellaneous drawings of Mammals, Birds, Reptiles, *&c.* 35 drgs.
Miscellaneous drawings of Indian Mammals, Birds and Fishes. 31 drgs.

ZOOLOGICAL JOURNAL, The . . . Conducted by T. Bell . . . J. G. Children . . . J. de C. Sowerby . . . and G. B. Sowerby ([afterwards] Edited by N. A. Vigors). Vol. I–V.† *illust* (*col.*) 8⁰. *London*, [1824–] 1825–35.

Issued in quarterly parts, four to a volume. Their appearance was somewhat irregular, but in the main coincided with the last month named on the heading to the "Contents" of the part. Part 19, however, which covered from June, 1830, to Sept. 1831, appeared in July 1832 (Mag. Nat. Hist., Vol. V, p. 648) ; whilst Part 20, for 1832–34, was published in November ? 1835 (Edinb. Journ. Nat. Sci., 5 Dec., 1835, p. 16).
Five parts containing supplemental plates were issued at various periods. Of these No. 4 came out with Pt. 19 of the work, and No. 5 with Pt. 20 : the dates of the others are as yet unknown.

ZOOLOGICAL MAGAZINE, The, or Journal of Natural History : being a series of miscellaneous articles, original and translated, on interesting subjects in Zoology, *&c.* [Edited by R. Owen, afterwards Sir R. Owen, K.C.B.] No. 1–6.† *pp. 192 [1] : 7 pls., text illust.* 8⁰. *London*, 1833.

The copy in the Zoological Department has the original wrappers, but wants the title-page and index.

ZOOLOGICAL MISCELLANY, The, *&c.* Vol. I–III. *See* LEACH (W. E.) & NODDER (R. P.) 4⁰. 1814–17.

Zoological Miscellany, The . . . By J. E. Gray. [Pt. I–VI.†] *pp. 86 : 4 pls.* (*col.*) 4⁰. *London*, 1831–44.

The dates of issue of the parts are as follows :—Pt. I, *pp. 1–40 : 4 pls.* 1831 ; pt. II, *pp. 41–48*, March 1842 ; pt. III, *pp. 49–56*, April 1842 ; pt. IV *pp. 57–72*, May 1842 ; pt. V, *pp. 73–80*, June 1842 ; pt. VI, *pp. 81–86*, June 1844.

ZOOLOGICAL RECORD. The Record of Zoological Literature . . . Edited by A. C. L. G. Günther. 1864-69. Vol. I-VI. 8⁰. *London*, 1865-70.

[*Continued as :*]

The Zoological Record . . . being . . . the Record of Zoological Literature. Edited by A. Newton ([and afterwards] E. C. Rye ; F. J. Bell, F. E. Beddard, D. Sharp.) 1870-1905. Vol. VII-XLII. 8⁰. *London*, 1871-1906.

Starting as a private venture, this Record was subsequently (1867-70) financed by the British Association, and placed under the control of their "Zoological Record Committee." In January, 1871, this committee was converted into the independent "Zoological Record Association," and in 1886 the work was transferred to and undertaken by the Zoological Society of London till 1905, when its compilation was continued in association with the Zoological Section of the "International Catalogue of Scientific Literature" as follows :—

[*Continued as :*]

—— compiled by the Regional Bureaus of the International Catalogue of Scientific Literature ; supplemented and arranged for the Zoological Society of London . . . Superintended by D. Sharp. 1906→ Vol. XLIII→ 8⁰. *London*, 1908→

ZOOLOGICAL RECORD ASSOCIATION.

[1871 Founded : 1887 Dissolved.]

See ZOOLOGICAL RECORD, *The* [published by the Association], *&c.* Vol. VII, 1870—XXII, 1885. 8⁰. 1871-1886.

ZOOLOGICAL SOCIETY OF LONDON.

[Founded 1826.]

Proceedings of the Committee of Science and Correspondence, *&c.* Pt. I & II. 1830-32. 8⁰. *London* [1831-33].

[*Continued as :*]

Proceedings, *&c.* Pt. I-XXVIII. 1833-60. 8⁰. *London* [1833-61].

For a list of the dates of publication of the parts from 1830 to 1858, *See* the Proceedings of the Society for 1893, p. 435.

[*Continued as :*]

Proceedings of the Scientific Meetings, *&c.* 1861-90. 8⁰. *London*, *&c.* [1861-91].

[*Continued as :*]

Proceedings of the General Meetings for Scientific Business, *&c.* 1891→ 8⁰. *London* [1891→]

From 1901 to 1905 each annual issue was in two separately-paged volumes : thereafter, though title-pages, contents and index are issued for two volumes, the pagination is continuous for the yearly issue.

—— Index. 1830-47. 8⁰. *London*, 1866.

—— —— 1848-60. 8⁰. *London*, 1863.

—— —— 1861-70. 8⁰. *London*, 1872.

—— —— 1871-80. 8⁰. *London*, 1882.

—— —— 1881-90. 8⁰. *London*, 1892.

—— —— 1891-1900. 8⁰. *London*, 1902.

—— —— 1901-10. 8⁰. *London*, 1912.

Zoological Society of London.

Reports of the Council, *&c.* 1833→ 8⁰. *London*, 1833→

Wanting those for 1866, 1880, 1886 & 1891.

Zoological Society of London.

Transactions, *&c.* Vol. I→ 4⁰. *London*, (1833-) 1835→

—— General Index . . . Vol. I-X. (1835-79). 8⁰. *London*, 1881.

Zoological Society of London.

[Abstracts of the Proceedings.] 1867→ 8⁰. [*London*, 1867→]

Zoological Society of London.

A Record of the progress of the . . . Society . . . during the Nineteenth Century. Edited by the Secretary [P. L. Sclater]. *pp.* [*vi,*] *248 : 2 plans.* 8⁰. *London*, 1901.

Zoological Society of London.

Catalogue of the Library, *&c.* *pp. 44.* 8⁰. *London*, 1854.

—— [Another edition.] (Supplement.) *pp. 45, (88).* 8⁰. *London*, 1854.

—— [Second edition.] *pp. 155.* 8⁰. *London*, 1872.

—— [Third edition.] *pp. 236.* 8⁰. *London*, 1880.

—— —— Supplement. Additions, to . . . 1883. *pp. 71.* 8⁰. *London*, 1883.

—— Fourth edition. *pp.* [*ii,*] *515.* 8⁰. *London*, 1887.

—— Fifth edition. *pp.* [*ii,*] *856.* 8⁰. *London*, 1902.

Zoological Society of London.

See ZOOLOGICAL RECORD, *The* [published by the Society], *&c.* 1886→ Vol. XXIII→ 8⁰. 1887→

Zoological Society of London.

Index Zoologicus (—No. II) : an alphabetical list of names of Genera and Subgenera proposed for use in Zoology as recorded in the "Zoological Record" 1880-1900 (—1901-10), together with other names not included in the "Nomenclator Zoologicus" of S. H. Scudder. Compiled (for the . . . Society . . .) by C. O. Waterhouse and edited by D. Sharp. 2 Vol. 8⁰. *London*, 1902 (12).

Printed in double column.

Zoological Society of London.

Catalogue of the Mammalia contained in the Museum of the . . . Society, *&c.* *pp. 18.* 8⁰. *London*, 1828.

—— Second edition. *pp. 68.* 8⁰. *London*, 1838.

Some of the copies are interleaved, and have manuscript additions and notes by the compiler, G. R. Waterhouse.

—— Supplement, *&c.* *pp. 13.* 8⁰. *London*, 1839.

Zoological Society of London.

Catalogue of the Animals preserved in the Museum of the . . . Society, *&c.* *pp. 40 : text illust.* 8⁰. *London*, 1829.

Zoological Society of London.

List of the Animals in the Gardens of the . . . Society, with notices respecting them . . . Ninth publication. *pp. 46 : 1 plan.* 8⁰. *London*, 1830.

This List was apparently first published in 1829.

—— [Another edition.] Eleventh publication. *pp. 64 : 1 plan.* 8⁰. *London*, 1833.

Zoological Society of London.

List of Vertebrated Animals living in the Gardens of the . . . Society, *&c.* [By L. Fraser.] *pp. 100.* 8⁰. *London*, *&c.*, 1862.

—— Revised List, *&c.* [Fifth edition.] *pp.* [*vii,*] *399 : text illust.* 8⁰. *London*, 1872.

—— Supplement, containing additions received in 1872-74. *pp.* [*iv,*] *54.* 8⁰. *London*, 1875.

—— Sixth edition. *pp.* [*ix,*] *519 : text illust.* 8⁰. *London*, 1877.

—— Seventh edition. *pp.* [*xi,*] *579 : text illust.* 8⁰. *London*, 1879.

—— —— First Supplement, containing additions received in 1879. *pp. v, 71.* 8⁰. *London*, 1880.

—— Eighth edition. *pp. xvi, 682 : text illust.* 8⁰. *London*, 1883.

—— Ninth edition. *pp. xvi, 724 : text illust.* 8⁰. *London*, 1896

Zoological Society of London.
[Guide to the Gardens of the . . . Society. 8⁰. *London*, 1829.]

Wanting.

—— By D. W. Mitchell . . . Third edition corrected . . . by P. L. Sclater. *pp. 60 : 1 plan, text illust.* 8⁰. *London*, 1859.

—— Thirteenth edition, *&c.* *pp. 60 : 1 plan, text illust.* 8⁰. *London*, 1863.

The fifty-eighth edition appeared in 1903.

Zoological Society of London.
Official Guide to the Gardens of the . . . Society . . . By P. C. Mitchell . . . First edition, *&c.* *pp. 112 : 1 plan, text illust.* 8⁰. *London*, 1904.

The title on wrapper reads "Illustrated Official Guide," *&c.*

—— Second edition, *&c.* *pp. 112 : 1 plan, text illust.* 8⁰. *London*, 1904.

—— Third edition, *&c.* *pp. 112 : 1 plan, text illust.* 8⁰. *London*, 1905.

—— Eleventh edition, *&c.* *pp. 112 : 1 plan, text illust.* 8⁰. *London*, 1913.

Zoological Society of London.
The Gardens and Menagerie of the . . . Society delineated, *&c.* [Edited by E. T. Bennett.] 2 Vol. *illust.* 8⁰. *London*, 1830-31.

Zoological Society of London.
Handbook to the Fish-house in the Gardens of the . . . Society . . . By E. W. H. Holdsworth. *pp. 50 : text illust.* 8⁰. *London*, 1860.

Zoological Society of London.
Outline of a course of Lectures on the Structure and Classification of Animals, to be delivered to the members of the . . . Society . . . 1833, *&c.* *See* GRANT (R. E.) 4⁰. 1833.

Zoological Society of London.
Synopsis novorum generum, specierum et varietatum Testaceorum viventium anno 1834 promulgatorum : adjectis iis quæ in diariis Societatis Zoologicæ Londinensis ab anno 1830 editis relata sunt, *&c.* *See* MUELLER (T.) 8⁰. 1836.

Zoological Society of London.
[Sixty-five Manuscript Reports of the Curator of the Society's Museum. 21st Dec., 1836, to 1st Jan., 1840. fol. [1836-40.]

Zoological Society of London.
[Manuscript Catalogue of the specimens in the Society's Museum.] Mammalia Catalogue. 5 Vol. 4⁰. [*London*, 1844-45.]

Zoological Society of London.
[Manuscript Catalogue of the specimens in the Society's Museum.] Zoological Society's Osteological Catalogue. 4⁰. [ ]

Zoological Society of London.
Zoologia typica, or figures of new and rare Mammals and Birds described in the Proceedings, or exhibited in the collections of the . . . Society, *&c.* *See* FRASER (L.) fol. 1849.

Zoological Society of London.
Zoological Sketches . . . made for the . . . Society . . . from Animals in their vivarium, *&c.* *See* WOLF (J.) fol. 1861.

—— Second Series. fol. 1867.

ZOOLOGISCH-BOTANISCHER VEREIN IN WIEN.
See VIENNA.—KAISERLICH-KOENIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT.

ZOOLOGISCHE ANNALEN . . . Herausgegeben von F. A. A. Meyer. Bd. I.† 1793. *pp. xxvi, 412 [4] : 5 pls.* 8⁰. *Weimar*, 1794.

Zoologische Annalen : Zeitschrift für Geschichte der Zoologie, herausgegeben von . . . M. Braun. Bd. I→ *illust.* 8⁰. *Würzburg*, 1904→

ZOOLOGISCHE BEITRAEGE. Herausgegeben von . . . A. Schneider (fortgeführt von . . . E. Rohde). Bd. I-III.† 8⁰. *Breslau* (1883-) 1885-92.

ZOOLOGISCHE GARTEN, Der. Organ der Zoologischen Gesellschaft in Frankfurt a. M., *&c.* Jahrg. I-XLVI. *See* FRANKFORT ON THE MAIN.—NEUE ZOOLOGISCHE GESELLSCHAFT. 8⁰. (1859-) 1860-1905.

ZOOLOGISCHE GESELLSCHAFT IN FRANKFURT A. M.
See FRANKFORT ON THE MAIN.—NEUE ZOOLOGISCHE GESELLSCHAFT.

ZOOLOGISCHE GESELLSCHAFT IN HAMBURG. *See* HAMBURG.

ZOOLOGISCHE JAHRBUECHER . . . Herausgegeben von . . . J. W. Spengel. Bd. I→ *illust.* 8⁰. *Jena*, 1886→

Bd. I & II have the secondary title : "Zeitschrift für Systematik, Geographie und Biologie der Thiere."
Bd. III-XXX are in two sections, viz. :—"Abtheilung für Anatomie und Ontogenie der Thiere," and "Abtheilung für Systematik, Geographie und Biologie der Thiere."
Bd. XXXI→ have a third section added, viz. :—"Abteilung für allgemeine Zoologie und Physiologie der Tiere."

—— Supplementheft (—Supplement-Band) I→ *illust.* 8⁰. *Jena*, 1886→

Some of these volumes contain only a single memoir.

—— Generalregister zu Band I-XX, sowie zu den Supplementen I-VII, *&c.* 8⁰. *Jena*, 1907.

ZOOLOGISCHE STATION IN TRIEST. Arbeiten, *&c.* Tom. I-XX, hft. 2. *See* VIENNA.—KAISERLICH-KOENIGLICHE UNIVERSITAET. Arbeiten aus dem Zoologischen Institute, *&c.* 8⁰. 1878-1914.

ZOOLOGISCHE STATION ZU NEAPEL.
See NAPLES.

ZOOLOGISCHE VORTRAEGE, herausgegeben von W. Marshall. Hft. 1 11.† 8⁰. *Leipzig*, 1889-1892.

1. Die Papagaien (Psittaci). Von W. Marshall. *pp. 63 [1] : 1 map (col.)* 1889.
2. Die Spechte (Pici). Von W. Marshall. *pp. 76 : 1 map (col.)* 1889.
3 & 4. Leben und Treiben der Ameisen. Von W. Marshall. *pp. 144.* 1889.
5. Die grossen Säugetiere der Diluvialzeit. Von H. Pohlig. *pp. [i,] 64.* 1890.
6. Unsere Schnecken. Von H. Simroth. *pp. 72.* 1890.
7 & 8. Pflanzengallen und Gallentiere. Von K. Eckstein. *pp. 88 : 4 pls.* 1891.
9. Alpentiere im Wechsel der Zeit. Von C. Keller. *pp. 48.* 1892.
10. Schmarotzertum in der Tierwelt. Von A. Looss. *pp. 180.* 1892.
11. Altes and Neues aus dem Haushalte des Kuckucks. Von E. Rey. *pp. vii [i,] 108 : text illust.* 1892.

ZOOLOGISCHER ANZEIGER, herausgegeben von . . . J. V. Carus ([and afterwards] E. Korschelt). (Zugleich Organ der Deutschen Zoologischen Gesellschaft.) Jahrg. I→ 8⁰. *Leipzig*, 1878→

—— Register . . . Jahrg. I-X. 8⁰. *Leipzig*, 1889.

—— —— Jahrg. XI-XV. 8⁰. *Leipzig*, 1893.

—— —— Jahrg. XVI-XX. 8⁰. *Leipzig*, 1899.

—— —— Jahrg. XXI-XXV. 8⁰. *Leipzig*, 1903.

—— —— Bd. XXVI-XXX und Bibliographia Zoologica, Vol. VIII-XII. 8⁰. *Leipzig*, 1908.

—— —— Bd. XXXI-XXXV und Bibliographia Zoologica, Vol. XIII-XVII. 8⁰. *Leipzig*, 1913.

ZOOLOGISCHER BEOBACHTER. (Der Zoologische Garten.) . . . Organ der Zoologischen Gärten Deutschlands, *&c.* Jahrg. XLVII→ *See* FRANKFORT ON THE MAIN.—NEUE ZOOLOGISCHE GESELLSCHAFT. 8⁰. 1906→

ZOOLOGISCHER GARTEN IN HAMBURG. *See* HAMBURG.—ZOOLOGISCHE GESELLSCHAFT.

ZOOLOGISCHER GARTEN IN MUENCHEN. *See* MUNICH.

ZOOLOGISCHER JAHRESBERICHT . . . Herausgegeben von der Zoologischen Station zu Neapel, *&c.* 1879→ *See* NAPLES.—*Zoologische Station.* 8⁰. 1880→

ZOOLOGISCHES CENTRALBLATT, unter Mitwirkung von . . . O. Bütschli und . . B. Hatschek, herausgegeben von . . . A. Schuberg. Jahrg. I–XVIII.† 8⁰. *Leipzig*, 1894–1912.

ZOOLOGISCHES INSTITUT DER UNIVERSITAET WIEN. *See* VIENNA.—KAISERLICH-KOENIGLICHE UNIVERSITAET.

ZOOLOGISCHES INSTITUT ZU GRAZ. *See* GRATZ.—KAISERLICH-KOENIGLICHE KARL-FRANZENS-UNIVERSITAET.

ZOOLOGISCHES MAGAZIN. Herausgegeben von . . . C. R. W. Wiedemann. Bd. I–II, no. 1.† 8⁰. *Kiel* (*& Altona*), 1817–23.

ZOOLOGISCHES MUSEUM DER UNIVERSITAET BRESLAU. *See* BRESLAU.—KOENIGLICHE UNIVERSITAET.—*Zoologische Sammlungen.*

ZOOLOGIST, The. The Zoologist: a popular Miscellany of Natural History. Conducted by E. Newman. Vol. I–XXIII. 8⁰. *London*, 1843–65.

—— Conducted by E. Newman. Ser. II, vol. I–XI. (= Vol. XXIV–XXXIV.) 8⁰. *London*, 1866–76.

—— Edited by J. E. Harting. Ser. III, vol. I–XX. 8⁰. *London*, 1877–96.

—— Edited by W. L. Distant ([and afterwards] F. Finn). Ser. IV, vol. I→ 8⁰. *London*, 1897→

ZOPF (FRIEDRICH WILHELM) [1846–1909] Die Conidienfrüchte von Fumago. *pp. 75 : 8 pls. (col.)* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XL, no. 7. 4⁰. 1878.

Zopf (F. W.) Zur Entwickelungsgeschichte der Ascomyceten . . . *Chætomium. pp. 96 : 7 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XLII, no. 5. 4⁰. 1881.

Zopf (F. W.) Zur Morphologie der Spaltpflanzen (Spaltpilze und Spaltalgen). *pp. vi, 74 : 7 pls. (col.)* 4⁰. *Leipzig*, 1882.

Zopf (F. W.) Die Spaltpilze. Nach dem neuesten Standpunkte bearbeitet. *pp. viii, 100 : text illust.* 8⁰. *Breslau*, 1883.
Extracted from the "Encyklopädie der Naturwissenschaften."

—— Dritte . . . Auflage, *&c.* *pp. vi, 127 : text illust.* 8⁰. *Breslau*, 1885.

Zopf (F. W.) Zur Kenntniss der Phycomyceten. I. Zur Morphologie und Biologie der Ancylisteen und Chytridiaceen, zugleich ein Beitrag zur Phytopathologie. *pp. 96 : 10 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. XLVII, no. 4. 4⁰. 1884 (1885).

Zopf (F. W.) Die Pilzthiere, oder Schleimpilze. Nach dem neuesten Standpunkte bearbeitet. *pp. viii, 174 : text illust.* 8⁰. *Breslau*, 1885.
Extracted from the "Encyklopädie der Naturwissenschaften."

Zopf (F. W.) Zur Morphologie und Biologie der niederen Pilzthiere (Monadinen), zugleich ein Beitrag zur Phytopathologie. *pp. iv, 45 : 5 pls. col.* 4⁰. *Leipzig*, 1885.

Zopf (F. W.) Ueber die Gerbstoff- und Anthocyan-Behälter der Fumariaceen und einiger anderen Pflanzen. *pp. 40 : 3 pls. col.* *See* BIBLIOTHECA BOTANICA. Hft. 2. 4⁰. 1886.

Zopf (F. W.) Untersuchungen über Parasiten aus der Gruppe der Monadinen. *pp. 39 : 3 pls. (col.)* 4⁰. *Halle*, 1887.

Zopf (F. W.) Zur Kenntniss der Infections-Krankheiten niederer Thiere und Pflanzen. *pp. 64 : 7 pls.* *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LII, no. 7. 4⁰. 1888.

Zopf (F. W.) Zumammenstellung [*sic*] der auf Spitzbergen von L. Cremer gesammelten Pflanzenarten. 3 Thallophyten. *See* CREMER (L.) Ein Ausflug nach Spitzbergen, *&c.* 8⁰. 1892.

Zopf (F. W.) *See* BEITRAEGE ZUR PHYSIOLOGIE UND MORPHOLOGIE NIEDERER ORGANISMEN . . . Herausgegeben von . . . W. Zopf. Hft. 1–5.† 8⁰. 1892–95.
Each part is separately paged.

Zopf (F. W.) Untersuchungen über die durch parasitische Pilze hervorgerufenen Krankheiten der Flechten. 2 Pt. *See* ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, *&c.* Nova Acta, *&c.* Tom. LXX, no. 2 & 4. 4⁰. 1897–98.

Zopf (F. W.) Die Flechtenstoffe in chemischer, botanischer, pharmakologischer und technischer Beziehung. *pp. xi, 450 : text illust.* 8⁰. *Jena*, 1907.

ZOPPI (G.) Descrizione geologico-mineraria dell'Iglesiente (Sardegna), *&c.* *pp. xii, 154 : 8 pls., text illust., 1 map col.* Atlas, *30 pls. (1 col.)* *See* ITALY.—*Reale Comitato Geologico.* Memorie descrittive della Carta Geologica d'Italia. Vol. IV. 8⁰. 1888.

ZORGDRAGER (CORNELIUS GISBERT) [*c.*1650–170–] C. G. Zorgdragers Bloeyende opkomst der aloude en hedendaagsche Groenlandsche Visscherey . . . Uitgebreid met eene korte historische beschryving der noordere gewesten . . . Met byvoeging van de Walvischvangst . . . door A. Moubach, *&c.* *pp. [xxxiv,] 330 [13] : 7 pls., 6 maps, engr. title.* 4⁰. *Amsterdam*, 1720.

Zorgdrager (C. G.) C. G. Zorgdragers alte und neue Grönländische Fischerei und Wallfischfang mit einer kurzen historischen Beschreibung von Grönland . . . ausgefertiget durch A. Moubach. Zu Ende ist allhier beigefüget eine summarische Nachricht von dem Bakkeljau- und Stockfischfang bei Terreneuf (in den nordlichen Theilen von America, aus den Schrifften des Herrn Denys gezogen). Aus dem Holländischen übersetzt. *pp. [xxvi,] 482 [15] : 7 pls., 6 maps, engr. title.* 4⁰. *Leipzig*, 1723.

ZORN (BARTHOLOMAEUS) [1639–1717] T. Pancovii . . . Herbarium portatile . . . Nebst beygefügten synonymis der berühmsten Botanicorum vermehret . . . und observationibus der bewehrtesten scribenten verbessert durch B. Zorn. *See* PANCKOW (T.) 4⁰. 1673.

—— [Another edition.] 4⁰. 1679.

Zorn (B.) Botanologia Medica. Seu . . . manuductio ad Plantarum et Stirpium . . . in officinis Pharmaceuticis usitatarum cognitionem. Oder: Kurtze Anweisung, wie diejenigen Kräuter und Gewächse, welche in der Artzney gebräuchlich, und in den Apothecken befindlich, zu des Menschen Nutzen und Erhaltung guter Gesundheit können angewendet werden, *&c.* *pp. [vi,] 741 [35] : 6 pls.* 4⁰. *Berlin*, 1714.

ZORN (Johann Heinrich) J. H. Zornii epistola de Avibus Germaniæ, præsertim sylvæ Hercynicæ, *&c.* *pp. 16.* 4⁰. *Pappenheim*, 1745.

ZORN (Johannes) [1739-1799] Icones Plantarum Medicinalium [by J. Zorn], *&c.* 6 Vol. [in 3.] *See* Plants. 8⁰. 1784-90.

ZORNOW (R.) Die um Gumbinnen wildwachsenden Phanerogamen. *pp. 22.* 4⁰. *Gumbinnen*, 1870.
Prog. Höh. Bürgerschule Gumbinnen.

ZSCHACH (Johann Jacob) [Museum N. G. Leskeanum. Pars Entomologica, *&c.* 8⁰. *Lipsiæ*, 1788.]
Wanting.

—— [Another issue.] *See* Karsten (D. L. G.) Museum Leskeanum, *&c.* Vol. i. 8⁰. 1789.

ZSCHIMMER (Eberhard) [1873-] Die Verwitterungsprodukte des Magnesiaglimmers und der Zusammenhang zwischen chemischer Zusammensetzung und optischem Achsenwinkel der Glimmer. Inaugural-Dissertation, *&c.* *pp. 71 : text illust.* 8⁰. *Jena*, 1898.
Jena. Zeitschr. Naturw. Bd. xxxii.

ZSCHOKKE (B.) Technologische Untersuchung der Schweiz. Tone ausgeführt in der Eidgenössischen Materialprüfungsanstalt am Schweiz. Polytechnikum. *pp. 170 : 6 pls. (2 col.), text illust.* *See* Switzerland. —*Carte Géologique Suisse.* Beiträge zur Geologie der Schweiz, *&c.* Geotechnische Serie, Lief. iv. Die Schweizerischen Tonlager . . . Technologischer Teil. 4⁰. 1907.

Zschokke (B.) & **Rollier** (L.) Die feuerfesten Tone und die Industrie feuerfester Produkte der Schweiz. *See* Switzerland.—*Carte Géologique Suisse.* Beiträge zur Geologie der Schweiz, *&c.* Geotechnische Serie, Lief. iv. Die Schweizerischen Tonlager . . . Technologischer Teil. Beilage, *&c.* 4⁰. 1907.

ZSCHOKKE (Eugen) Verzeichniss der in der Umgegend von Aarau wildwachsenden phanerogamischen Pflanzen, nebst Angabe ihrer Fundorte. *pp. 72.* 8⁰. *Aarau*, 1847.

ZSCHOKKE (Fritz) [1860-] Recherches sur la structure anatomique et histologique des Cestodes. *pp. 396 : 9 pls.* *See* Geneva.—institut national genevois. Mémoires, *&c.* Tom. xvii. 4⁰. 1889.

Zschokke (F.) Die Parasiten unserer Süsswasserfische. *See* Zacharias (O.) Die Tier- und Pflanzenwelt des Süsswassers, *&c.* Bd. ii, no. 5. 8⁰. 1891.

Zschokke (F.) Die Fortpflanzungsthätigkeit der Cladoceren der Hochgebirgsseen. *See* Taschenberg (E. O. W.) *& others.* Festschrift zum siebenzigsten Geburtstage R. Leuckarts, *&c.* 4⁰. 1892.

Zschokke (F.) Die Tierwelt der Hochgebirgsseen. *pp. vi, 400 : 8 pls., 4 maps.* *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Bd. xxxvii. 4⁰. 1900.

Zschokke (F.) Die Tierwelt der Schweiz in ihren Beziehungen zur Eiszeit. *pp. 71.* 8⁰. *Basel*, 1901.

Zschokke (F.) Die arktischen Cestoden. *See* Roemer (F.) & Schaudinn (F. R.) Fauna Arctica, *&c.* Bd. iii, no. 1. 4⁰. 1903.

Zschokke (F.) Die Tiefseefauna der Seen Mitteleuropas. Eine geographisch-faunistische Studie. *pp. [ii,] 246 : 3 maps (col.).* 4⁰. *Leipzig*, 1911.

ZSCHOKKE (Th.) Die Gebirgsschichten welche vom Tunnel zu Aarau durchschnitten wurden, *&c.* *pp. 15 : 1 pl. col.* *See* Allgemeine Schweizerische Gesellschaft, *&c.* Neue Denkschriften, *&c.* Tom. xvii. 4⁰. 1860.

ZUAZNAVAR (Mariano) Datos geológico-mineros de la provincia de Búrgos. *pp. 2.* *See* Spain.—*Instituto Geológico de España.* Boletín, *&c.* Tom. i. 8⁰. 1874.

Zuaznavar (M.) Algunos datos de la Cuenca Carbonífera de Juarros en la provincia de Búrgos. *pp. 6.* *See* Spain.—*Instituto Geológico de España.* Boletín, *&c.* Tom. iii. 8⁰. 1876.

Zuaznavar (M.) Datos geológico-mineros de la provincia de Búrgos. Salina de Poza de la Sal. *pp. 2.* *See* Spain.—*Instituto Geológico de España.* Boletín, *&c.* Tom. iv. 8⁰. 1877.

ZUBER (Rudolf) [1858-] Atlas Geologiczny Galicyi. Zeszyt ii. 6 sh. *col.* & text. *See* Galicia, *Austria.* s.sh. & 8⁰. 1888.

Zuber (R.) Geologie der Erdöl-Ablagerungen in den Galizischen Karpathen . . . Bearbeitet von . . . R. Zuber . . . Allgemeiner Teil. Hft. i.† Stratigraphie der Karpathischen Formationen. *pp. 88.* 8⁰. *Lemberg*, 1899.

ZUBIZARRETA (Nicolas de Soraluce y) *See* Soraluce y Zubizarreta.

ZUCCAGNI (Attilio) [1754-1807] Lettera indirizzata al . . . G. A. Cavanilles (I fiori della *Lopezia racemosa*), *&c.* *pp. 11 : 1 pl. col.* 8⁰. [*Pisa* ? 1803 ?]
Giornale Pisano. Tom. v, num. 14.

Zuccagni (A.) Centuria i. observationum botanicarum, quas in Horto Regio Florentino ad Stirpes ejusdem novas vel rariores illustrandas instituit A. Zuccagni. [*pp. 50 : 1 pl.*] 4⁰. *Florentiæ* [1809].
Extracted from Römer's "Collectanea."

ZUCCARDI (Raffaele) & **Mazzarelli** (G. F.) Sulle Aplysiidæ raccolte dal Tenente di vascello G. Chierchia nel viaggio della Vettor-Pisani (1882-1885), *&c.* *pp. 21 : 2 pls.* *See* Italy.—società italiana delle scienze. Memorie, *&c.* Ser. III, tom. viii, no. 2. 4⁰. 1892.

ZUCCARELLI (Angelo) Gli Uomini Primitivi delle selci e delle caverne. *pp. [2] 128 : 19 pls., 1 port., text illust.* 8⁰. *Napoli*, 1906.

ZUCCARINI (Joseph Gerhard) [1797-1848] Nova genera et species Plantarum quas in itinere per Brasiliam annis 1817-20 . . . suscepto collegit et descripsit . . . C. F. P. de Martius . . . Pingendas curavit et secundum auctoris schedulas digessit J. G. Zuccarini. 3 Vol. *See* Martius (C. F. P. von) fol. [1823-] 1824-29 [-32].

Zuccarini (J. G.) Monographie der Amerikanischen *Oxalis*-Arten. 4⁰. [*Munich*, 1825.]
Denkschr. k. Bayer. Akad. Wissensch. München. Bd. ix, *pp. 125-184 : 6 pls.*

—— Nachtrag, *&c.* 4⁰. [*Munich*, 1832.]
Abhandl. k. Bayer. Akad. Wissensch. München. Bd. *i, pp. 177-276 : 3 pls.*

Zuccarini (J. G.) Flora der Gegend um München . . . Thl. i.† Phanerogamen. *pp. 418.* 12⁰. *München*, 1829.

Zuccarini (J. G.) Ueber die Vegetationsgruppen in Bayern. Eine Rede, *&c.* *pp. 26.* 4⁰. *München*, 1833.

Zuccarini (J. G.) Flora Japonica . . . Sectio prima . . . digessit J. G. Zuccarini, *&c.* 2 Vol. *illust. col.* *See* Siebold (P. F. de) fol. 1835-70.

Zuccarini (J. G.) Beiträge zur Morphologie der Coniferen. *See* MUNICH.—KOENIGLICH BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. III, abth. 3. 4⁰. 1843.

Zuccarini (J. G.) On the Morphology of the Coniferæ, . . . translated by G. Busk. *See* RAY SOCIETY. Reports & Papers on Botany, *&c.* 8⁰. 1846.

Zuccarini (J. G.) Naturgeschichte des Pflanzenreichs. *pp. 322.* 8⁰. *Kempten*, 1843.
Handbuch der Naturgeschichte von J. A. Wagner. Bd. II.

Zuccarini (J. G.) Denkrede auf J. G. Zuccarini. *See* MARTIUS (C. F. P. VON). 4⁰. 1848.

Zuccarini (J. G.) & **Siebold** (P. F. VON) Floræ Japonicæ familiæ naturales, *&c.* *See* SIEBOLD (P. F. VON) & ZUCCARINI (J. G.) 4⁰. 1843–46.

ZUCHOLD (ERNST AMANDUS) *See* BIBLIOTHECA HISTORICO-NATURALIS ET PHYSICO-CHEMICA . . . herausgegeben von E. A. Zuchold. Jahrg. I–XVII, hft. 1. 8⁰. 1851–67.

Zuchold (E. A.) Additamenta ad Thesaurum Literaturæ Botanicæ. Index librorum botanicorum Bibliothecæ Horti Imperialis Botanici Petropolitani quorum inscriptiones in G. A. Pritzelii Thesauro Literaturæ Botanicæ et in Additamentis ad Thesaurum illum ab E. A. Zuchold editis desiderantur. *See* BERG (E. VON). 8⁰. 1859.

ZUCKER. Der neueste Deutsche Stellvertreter des Indischen Zuckers. Oder der Zucker aus Runkelrüben . . . Zweite Auflage, *&c.* *pp. 44 : 1 pl.* 8⁰. *Berlin*, 1799.
The first edition probably appeared earlier in the same year.
According to Kayser (Index loc. Libr., Thl. v, p. 324 b) a second part was published in 1800.

ZUCKERKANDL (EMIL) [1849–1910] Cranien der Novara-Sammlung. *See* AUSTRIA-HUNGARY. Reise der . . . Fregatte Novara . . . 1857–59. Anthropologischer Theil. Abth. 1. 4⁰. 1875.

Zuckerkandl (E.) Das periphere Geruchsorgan der Säugethiere. Ein vergleichend anatomische Studie. *pp. viii, 116 : 10 pls., text illust.* 8⁰. *Stuttgart*, 1887.

Zuckerkandl (E.) Untersuchung von acht Schädeln. *See* BAUMANN (O.) Durch Massailand zur Nilquelle, *&c.* Anhang VI. 8⁰. 1894.

ZUECKERT (JOHANN FRIEDRICH) [1737–1778] Die Naturgeschichte und Bergwercksverfassung des Ober-Hartzes. *pp.* [*xvi,*] *300.* 8⁰. *Berlin*, 1762.

Zueckert (J. F.) Die Naturgeschichte einiger Provinzen des Unterharzes nebst einem Anhange von den Mannsfeldischen Kupferschiefern. *pp.* [*x,*] *212.* 8⁰. *Berlin*, 1763.

ZUERN (FRIEDRICH ANTON) [1835–1900] *See* ZEITSCHRIFT FUER PARASITENKUNDE. Herausgegeben von . . . F. A. Zürn. Bd. I. 8⁰. 1869.

Zuern (F. A.) [Die Schmarotzer auf und in dem Körper unserer Haussäugethiere, *&c.* 2 Thl. 8⁰. *Weimar*, 1872, 74.]
Wanting.
Thl. 1. Die thierischen Parasiten, *&c.* 1872.
,, 2. Die pflanzlichen Parasiten, *&c.* 1874.

—— II. Tl. Die pflanzlichen Parasiten . . . Zweite Auflage. Herausgegeben von . . . F. A. Zürn und . . . H. Plaut. 2 Hft. *pp. xvi, xvi, 837 : 4 pls.* 8⁰. *Weimar*, 1887, 89.

Zuern (F. A.) Zum Streit über die Leporiden. *pp.* [*iv,*] *27.* 8⁰. *Weimar*, 1877.

Zuern (F. A.) & **Kuechenmeister** (G. F. H.) Die Parasiten des Menschen. Zweite Auflage, *&c.* *See* KUECHENMEISTER (G. F. H.) Die in und an dem Körper des lebenden Menschen vorkommenden Parasiten, *&c.* 8⁰. [1878–81.]

Zuern (F. A.) & **Plaut** (H. C.) Die pflanzlichen Parasiten auf und in dem Körper unserer Haussäugetiere . . . Zweite Auflage. 2 Hft. *See* ZUERN (F. A.) Die Schmarotzer auf und in dem Körper unserer Haussäugethiere, *&c.* Thl. II. 8⁰. 1887, 89.

ZUEST (OSKAR) Ueber granitische und diabasische Gesteine in der Umgebung von Ardez im Unter-Engadin. Inaugural-Dissertation, *&c.* *pp. 46* [*1,*] *: 1 pl.* 8⁰. *Zürich*, 1905.

ZUGMAYER (ERICH) [1879–] Diagnoses des Poissons nouveaux provenant des campagnes du yacht "Princesse-Alice" (1901 à 1910). *pp. 14.* *See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 193. 8⁰. 1911.

Zugmayer (E.) Poissons provenant des campagnes du yacht Princesse-Alice (1901–1910). *See* ALBERT HONORÉ CHARLES, *Prince of Monaco.* Résultats des campagnes scientifiques, *&c.* Fasc. XXXV. 4⁰. 1911.

Zugmayer (E.)
Diagnoses des Stomiatidés nouveaux provenant des campagnes du yacht "Hirondelle II" (1911 et 1912). *pp. 5* [*2*].
Le Crâne de *Gastrostomus Bairdi*, Gill et Ryder. *pp. 6 : text illust.*
See MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin. No. 253 & 254. 8⁰. 1913.

Zugmayer (E.) Wissenschaftliche Ergebnisse der Reise von . . . G. Merzbacher im zentralen und östlichen Thian-Shan 1907–8. II. Fische. *pp. 18 : 1 pl.* *See* MUNICH. — KOENIGLICH-BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XXVI, abth. 4. 4⁰. 1913.

Zugmayer (E.) Wissenschaftliche Ergebnisse der Reise von . . . E. Zugmayer in Balutschistan 1911. Die Fische von Balutschistan, mit einleitenden Bemerkungen über die Fauna des Landes, *&c.* *pp. 35.* *See* MUNICH. — KOENIGLICH-BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XXVI, abth. 6. 4⁰. 1913.

Zugmayer (E.) Diagnoses de quelques poissons nouveaux provenant des campagnes du yacht Hirondelle II (1911–1913). *pp. 4.* *See* MONACO.—INSTITUT OCÉANOGRAPHIQUE. Bulletin, *&c.* No. 288. 8⁰. 1914.

Zugmayer (E.) Wissenschaftliche Ergebnisse der Reise von . . . E. Zugmayer in Balutschistan, 1911. Vögel von A. Laubmann. *pp. 71 : 1 pl. col.* *See* MUNICH. — KOENIGLICH-BAYERISCHE AKADEMIE DER WISSENSCHAFTEN. Abhandlungen, *&c.* Bd. XXVI, abth. 9. 4⁰. 1914.

ZUGMAYER (HEINRICH) Untersuchungen über Rhätische Brachiopoden. *pp. 42 : 4 pls., text illust.* 4⁰. *Wien*, 1880.
Beitr. Paläont. Oesterr.-Ung. Wien. Bd. I.

Zugmayer (H.) & **Stur** (D. R. J.) Die Excursion nach dem Piestingthale und der Neuen Welt. *See* HAUER (F. VON) & NEUMAYR (M.) Führer zu den Excursionen der Deutschen Geologischen Gesellschaft, *&c.* IV. 8⁰. 1877.

ZUGOMALAS (A.) *Ἡ Παλιῤῥοια του Εὐριπου και ὁ Μεγαλοσαυρος της Αἰδηψου.* *pp. 72 : 1 pl.* 8⁰. *ἐν Ἀθηναις*, 1858.

ZUID-AFRIKAAN, De. Deel I–IV, no. 1–194; & VI—VII, no. 309–361. DUTCH & ENG.
fol. *Cape Town*, 1830–32.

ZUINGERUS (THEODORUS) *See* ZWINGER.

ZUINGGERUS (THEODORUS) *See* ZWINGER.

ŽUJOVIĆ (JOVAN M.) *See* ZHUIOVĪĆ (I. M.)

ŽUKOVIĆ (JOVAN M.) *See* ZHUIOVĪĆ (I. M.)

ZULUETA (ANTONIO DE) Los Copépodos parásitos de los Celentéreos. *pp. 58 : text illust. See* MADRID. —REAL SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL. Memorias, *&c.* Tom. VII, no. 1. 8⁰. 1911.

ZULULAND. [*Maps.*] Sketch of Zululand &c. . . . By A. W. Durnford. [Scale 1 in. = 7·5 m.]
s.sh. *Cape Town*, 1878.

ZUMAGLINI (ANTONIO MAURITIO) [1804–1865] Flora Pedemontana, sive species Plantarum Phanerogamarum in Pedemonte et Liguria sponte nascentium, *&c.* 2 Tom. [in 1.]
8⁰. *Augustæ Taurinorum* (*Bugellæ*), 1849–54.

Zumaglini (A. M.) Della malattia attuale dell' Uva sue cause e rimedi. Memoria seconda, *&c. pp. 72 : text illust.* 8⁰. *Torino*, 1853.
For the first memoir, *See* SCARAVELLI (M.) *& others.*

Zumaglini (A. M.) & **others.** Della malattia attuale dell' Uva sue cause e rimedii. *See* SCARAVELLI (M.) *& others.* 8⁰. 1851.

ZUMBACH VON KOESFELD (LOTHARIUS) [1661–1727] Floræ Lugduno-Batavæ Flores . . . in lucem editarum opera L. Zumbach. *See* HERMANNUS (P.)
8⁰. 1690.

ZUMSTEIN (JOSEPH) Beschreibung der fünf Reisen auf die Spitzen des Monte-Rosa ausgeführt . . . 1819 bis 1822. *See* WELDEN (L. VON) *Baron.* Der Monte-Rosa, *&c.* 8⁰. 1824.

ZUNCK (HERMANN LEOPOLD) Die natürlichen Pflanzensysteme geschichtlich entwickelt von H. L. Zunck. *pp. vi, 200.* 8⁰. *Leipzig*, 1840.

ZUNTZ (NATHAN) [1847–] Blutgase und respiratorischer Gaswechsel. *See* HERMANN (L.) Handbuch der Physiologie. Bd. IV, Thl. 2. 8⁰. 1882.

ZUPPINGER (FERDINAND) Die glücklich entdeckte Ursache der Kartoffelkrankheit, *&c. pp. 29.*
8⁰. *Zürich*, 1847.

ZURCHER (FRÉDÉRIC) [1816–1890] & **Margollé** (É.) Volcans et tremblements de Terre . . . Cinquième édition. *pp. 311 : text illust.* 8⁰. *Paris*, 1886.
Biblioth. des Merveilles.
The first edition appeared in 1866.

ZURCHER (PHILIPPE) [1853–] I. Note sur la continuation de la chaîne de la Sainte-Beaume (Feuille de Draguignan).—II. Note sur la stratigraphie des environs du ravin de la Jaby près de Castellane.—III. Note sur une disposition particulière des failles de la région voisine de Comps (Var).—IV. Note sur l'existence du Muschelkalk dans les environs de Castellane.—V. Note sur le terrain Crétacé supérieur de la feuille de Castellane. *pp. 29 . 3 pls., 1 map col., text illust. See* FRANCE. —*Service de la Carte Géologique Détaillée.* Bulletin, *&c.* Tom. II, no. 18. 8⁰. 1890.

Zurcher (P.) Note sur la structure de la région de Castellane. *pp. 37 : 2 pls., 4 maps, text illust. See* FRANCE. —*Service de la Carte Géologique Détaillée.* Bulletin, *&c.* Tom. VII, no. 48. 8⁰. 1895.

ZURICH.—*Botanischer Garten.*
[1750 Founded by the *Naturforschende Gesellschaft.* It was taken over by the Government in 1834 and is now attached to the *Universitaet.* For publications referring to this Garden, *See* infra, under those two institutions.]

ZURICH.—Eidgenoessisches Polytechnikum.
[Founded 1848.]
Festschrift zur Feier des fünfzigjährigen Doctor-Jubiläums Herrn . . . K. W. von Nägeli . . . und . . . A. von Kölliker . . . gewidmet von . . . dem Eidg. Polytechnikum . . . in Zürich. *See* infra, UNIVERSITAET. 4⁰. 1891.

Zurich.—Eidgenoessisches Polytechnikum.
Catalogue systematique et descriptif des Fossiles des Terrains tertiaires, *&c.* 4 Cahiers. *See* MAYER-EYMAR (C. D. W.) 8⁰. 1867–70.

ZURICH.—Musée Fédéral.
See supra, EIDGENOESSISCHES POLYTECHNIKUM.

ZURICH.—Naturforschende Gesellschaft.
[Founded 1746.]
Abhandlungen, *&c.* Bd. I–III.† 8⁰. *Zürich*, 1761–66.

Zurich.—Naturforschende Gesellschaft.
An die Zürcherische Jugend auf das Jahr 1799 (–1866). Stück I–LXVIII. 4⁰. [*Zurich*, 1799–1866.]
[*Continued as :*]
Neujahrsblatt, auf das Jahr 1867 (1868→) [Stück] LXIX→ 4⁰. *Zürich*, 1867→
The later title appears only on the wrappers. Each Stück contains a separate article, of which the first forty-six are without title, but treat of Swiss Natural History in general ; in the remainder each is devoted to some special branch of the same, with occasionally a memoir on some well-known naturalist. The names of the authors are omitted in most cases, but a complete list for 1799–1887 was published in 1888.

Zurich.—Naturforschende Gesellschaft.
Bericht über die Verhandlungen . . . vom 11 April 1825 bis zum 18 April 1826 (—bis Ende 1837). 8 No.†
8⁰. *Zürich*, 1826–38.

Zurich.—Naturforschende Gesellschaft.
Mittheilungen, *&c.* Bd. I–IV.† 8⁰. *Zürich*, 1849–56.
Vol. I is in two separately-paged Hefte.

Zurich.—Naturforschende Gesellschaft.
Vierteljahrsschrift, *&c.* Jahrg. I→ 8⁰. *Zürich*, 1856→

Zurich.—Naturforschende Gesellschaft.
Generalregister der Publikationen (Neujahrsblätter —Mittheilungen—Vierteljahrschrift) . . . und Uebersicht ihres Tauschverkehres. *pp. 92.* 8⁰. *Zürich*, 1892.

Zurich.—Naturforschende Gesellschaft.—*Botanic Garden.*
Selectus Seminum, quæ Hortus Botanicus Soc. Phys. Turicensis pro muta commutatione offert. Anno 1827.
fol. [*Zurich*, 1827.]

Auctuarium ad Catalogum Seminum collectorum in Horto Botanico Societatis Physicæ Turicensis. 2 No.
fol. [*Zurich*, 1828, or 1829, & 30.]

Zurich.—Naturforschende Gesellschaft.—*Botanic Garden.*
Der Botanische Garten zu Zürich [by O. Heer]. *See* supra, An die Zürcherische Jugend auf das Jahr 1853. Stück LV. 4⁰. 1853.

ZURICH. — Schweizerische Palaeontologische Gesellschaft.
See SCHWEIZERISCHE PALAEONTOLOGISCHE GESELLSCHAFT.

ZURICH.—Societas Physica Turicensis.
See supra, NATURFORSCHENDE GESELLSCHAFT.

ZURICH.—Thierarzneischule. [Founded 1834.]
Festschrift zur Feier des fünfzigjährigen Doctor-Jubiläums Herrn . . . K. W. von Nägeli . . . und . . . A. von Kölliker . . . gewidmet von . . . der Thierarzneischule in Zürich. *See* infra, UNIVERSITAET. 4⁰. 1891.

ZURICH.—Universitaet. [Founded 1832.]
Festschrift zur Feier des fünfzigjährigen Doctor-Jubiläums Herrn . . . K. W. von Nägeli . . . und . . . A. von Kölliker . . . gewidmet von der Universität, dem Eidg. Polytechnikum, der Thierarzneischule in Zürich. *pp.* [*iii,*] *211 : 16 pls.* (*1 col.*), *text illust.* 4⁰. *Zürich*, 1891.

1. Ueber *Caloglossa Leprieurii* (Mont. Harv.) J. G. Agardh . . . Von C. Cramer. *pp. 18 : 3 pls.*
4. Ueber Sammlungen für allgemeine Geologie. Von A. Heim. *pp. 8.*
5. Die Entwicklung des Wiederkäuermagens und -Darmes. Von P. Martin. *pp. 22 : 1 pl., text illust.*
7. Die erste Anlage des Excretionssystems des Hündchens. Von W. Felix. *pp. 33 : 4 pls.*
8. Ueber Einwirkungen des Cyanwasserstoffs, des Chloralhydrats und des Chloralcyanhydrins auf Enzyme, auf keimfähige Pflanzensamen und auf niedere Pilze. Von E. Schär. *pp. 25.*
9. Das Spongin und seine mechanische Leistung im Spongienorganismus. Von C. Keller. *pp. 11 : 1 pl., col.*
10. Beiträge zur Kenntniss der Befruchtungs-Erscheinungen bei *Iris sibirica.* Von A. Dodel. *pp. 15 : 3 pls.*
11. Beitrag zur Kenntniss der Entwicklung und Vereinigung der Geschlechtsproducte bei *Lilium Martagon.* Untersuchung aus dem botanischen Laboratorium der Universität Zürich. Von E. Overton. *pp. 11 : 1 pl.*
12. Entwicklungsmechanische Studien an Echinodermeneiern. Von K. Fiedler. *pp. 8.*
13. Ueber die äussere Morphologie von *Hæmenteria Ghilianii*, F. de Filippi. Von A. Lang. *pp 15 : 1 pl., text illust.*

[Each paper has its own pagination in addition to that of the volume.]

Zurich.—Universitaet.
Der Botanische Garten und das Botanische Museum der Universität Zürich im Jahre 1898 (1899—>) 8⁰. *Zürich*, 1899 (1900—>)

ZURICH.—Wissenschaftlicher Verein.
Monatsschrift, *&c.* Jahrg. I–IV.† 8⁰. *Zürich*, 1856–59.

ZVINGER (THEODOR) *See* ZWINGER.

ZWACKH-HOLZHAUSEN (WILHELM VON) [1825–]
Die Lichenen Heidelbergs nach dem Systeme und den Bestimmungen . . . W. Nylanders. *pp. iv, 82.* 8⁰. *Heidelberg*, 1883.

ZWANZIGER (GUSTAV ADOLF) [1839–1893] Verzeichniss der in Kärnten volksthümlichen Deutschen Pflanzennamen. *See* PACHER (D.) & JABORNEGG (M. VON) Flora von Kärnten, *&c.* Abth. III. 8⁰. 1887.

ZWICKAU.—Verein fuer Naturkunde.
[Founded 1862.]
Jahresbericht, *&c.* 1873—> 8⁰. *Zwickau*, 1874—>

ZWICKAU. [*Maps.*] Geologische Profile durch das Kohlenfeld von Zwickau . . . Maassstab 1 : 10,000 [*i.e.* 1 m. = 6⅓ in. about.] *See* SAXONY.—*Koenigliche Geologische Landesuntersuchung.* [*Maps.*] Geologische Specialkarte, *&c.* s.sh. 1877.

ZWIESELE (HEINRICH) Der Amaltheenthon bei Reutlingen. Inaugural-Dissertation, *&c. pp. 39 : 1 pl., text illust.* 8⁰. *Bern*, 1898.

ZWINGER (FRIEDRICH) [1707–1776] T. Zuingeri . . . Theatrum Botanicum . . . neue übersehen . . . und . . . vermehret durch F. Zwinger, *&c. See* ZWINGER (T.) *the Younger.* fol. 1744.

ZWINGER (THEODOR) [1533–1588] S. Ardoyni . . . Opus de Venenis . . . Cum præfatione [By T. Zwinger], *&c. See* ARDOYNIS (S. DE). fol. 1562.

ZWINGER (THEODOR) *the Younger* [1658–1724] Oratio panegyrica in obitum . . . J. C. Bauhini, *&c. pp. 91.* 4⁰. *Basileæ*, 1687.

Zwinger (THEODOR) *the Younger.* Theatrum Botanicum, das ist, neu vollkommenes Kräuter-Buch . . . erstens zwar an das Tagliecht gegeben von B. Verzascha [or rather P. A. Mattioli]. Anjetzo aber in einer gantz neue Ordnung gebracht, auch mehr als umb die Helffte vermehret und verbessert durch T. Zvingerum, *&c. pp.* [*iv,*] *995* [*27*] *: 1 port., text illust.* fol. *Basel*, 1696.
Printed in double column.
This is based on Verzascha's edition of Mattioli's "Kreüterbuch," but so much altered and extended as practically to constitute a new work.

—— [Another edition entitled:] T. Zuingeri . . . Theatrum Botanicum . . . neue übersehen . . . und . . . vermehret durch F. Zuinger, *&c. pp.* [*x,*] *1216* [*54*] *: 1 port., text illust.* fol. *Basel*, 1744.
Printed in double column.

Zwinger (THEODOR) *the Younger.* Dissertatio Medica de Thee Helvetico, vom Schweitzer-Thee (De Cymbalaria). *See* WEPFER (J. J.) J. J. Wepferi . . . Historia Cicutæ aquaticæ, *&c.* 4⁰. 1716.

—— [Another edition.] 8⁰. 1733.

ZWINGERUS (THEODORUS) *See* ZWINGER.

ZWINGGER (THEODOR) *See* ZWINGER.

ZYGOMALAS (A.) *See* ZUGOMALAS.

ZYNDEL (F.) Ueber den Gebirgsbau Mittelbündens. *pp. 39 : 3 pls., 1 map. See* SWITZERLAND.—*Carte Géologique Suisse.* Beiträge zur geologischen Karte, *&c.* Lief. 71. 4⁰. 1912.

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(N.H.)

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